

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60

QY 61 GGAACAGAGTGGGGCGCGCGAGGGAGGCTCTGGTGAGAGCCCACTGGGGCTCCCG 120
DB 61 GGAACAGAGTGGGGCGCGCGAGGGAGGCTCTGGTGAGAGCCCACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGCGCTTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGTGACCATGCGCTTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACCTCGGTCTTGGGTGATACGGGTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240
DB 181 TTTGACCTCGGTCTTGGGTGATACGGGTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTACCTAGGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
DB 241 TTGCACACCTACCTACCTAGGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300

QY 301 TCAATTTGTCAGTTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGCATATCCCATCTGATGAGCAATATCTTGCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAGCATATCCCATCTGATGAGCAATATCTTGCATCTTGGTTC 420

QY 421 CAGAACTCAGCTGCATTCGCTGAACTGAGCAAGAACTATGTCCTGATGCTGCAAAA 480
DB 421 CAGAACTCAGCTGCATTCGCTGAACTGAGCAAGAACTATGTCCTGATGCTGCAAAA 480

QY 481 ATGACCTACTCTTCT 540
DB 481 ATGACCTACTCTTCT 540

QY 541 GCACAGAGCTTCAAAACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCAAAACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGCTCAGGAGCAATTCAGTACGACCACTTTGGAGGAGGAGGCTTCA 660
DB 601 GTTATATTCAGCTCAGGAGCAATTCAGTACGACCACTTTGGAGGAGGAGGCTTCA 660

QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAAATTCACAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAAGAGTATGCTCTCTCTCTCTCTCTCTCTCTTAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAAGAGTATGCTCTCTCTCTCTCTCTCTCTTAC 780

QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTTGT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTTGT 840

QY 841 TTGCAACTCTTGTCTACAGCTGTGAGCAGTATGTTCTCTCTCTCTCTCTCTCTCTAT 900
DB 841 TTGCAACTCTTGTCTACAGCTGTGAGCAGTATGTTCTCTCTCTCTCTCTCTCTAT 900

QY 901 GTGTGCTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GTGTGCTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

QY 961 GTTGTGTAGATCTTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTGTAGATCTTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTAAAGACAAGTGTAAATAGACATTA 1080
DB 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTAAAGACAAGTGTAAATAGACATTA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCAATGGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCAATGGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 158

ADL17721
ID ADE17721 standard; cDNA; 1174 BP.

XX ADB17721;

XX AC ADB17721;

XX 29-JAN-2004 (first entry)

XX Human PRO polynucleotide #136.

XX Human; Gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

XX Homo sapiens.

XX OS US2003199023-A1.

XX PD 23-OCT-2003.

XX PF 17-APR-2002; 2002US-00124821.

XX PR 31-MAR-1997; 97WO-US005230.

XX PR 12-JUN-1998; 98WO-US012456.

XX PR 14-JUL-1998; 98WO-US014552.

XX PR 28-AUG-1998; 98WO-US017888.

XX PR 10-SEP-1998; 98WO-US018824.

XX PR 14-SEP-1998; 98WO-US019093.

XX PR 14-SEP-1998; 98WO-US019094.

XX PR 14-SEP-1998; 98WO-US019177.

XX PR 16-SEP-1998; 98WO-US019330.

XX PR 17-SEP-1998; 98WO-US019437.

XX PR 07-OCT-1998; 98WO-US021141.

XX PR 29-OCT-1998; 98WO-US022991.

XX PR 29-OCT-1998; 98WO-US022992.

XX PR 20-NOV-1998; 98WO-US024855.

XX PR 01-DEC-1998; 98WO-US025108.

XX PR 05-JAN-1999; 99WO-US000106.

XX PR 08-MAR-1999; 99WO-US005028.

XX PR 10-MAR-1999; 99WO-US005190.

XX PR 20-APR-1999; 2000WO-US006319.

XX PR 14-MAY-1999; 99WO-US008615.

XX PR 02-JUN-1999; 99WO-US010733.

XX PR 01-SEP-1999; 99WO-US012252.

XX PR 08-SEP-1999; 99WO-US020111.

XX PR 13-SEP-1999; 99WO-US020594.

XX PR 15-SEP-1999; 99WO-US020944.

XX PR 15-SEP-1999; 99WO-US021090.

XX PR 05-OCT-1999; 99WO-US021547.

XX PR 29-NOV-1999; 99WO-US023089.

XX PR 30-NOV-1999; 99WO-US028214.

XX PR 30-NOV-1999; 99WO-US028313.

PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030311.
PR 20-DEC-1999; 99WO-US030399.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000377.
PR 06-JAN-2000; 2000WO-US000776.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 01-MAR-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00865028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 23-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W,
XX
XX
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S,
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
DR WPI; 2003-900155/82.
DR P-PSDB; ADE17722.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
XX Claim 2; SEQ ID NO 271; 537pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
XX
XX Query Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGAGGAGGCTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGAGAGGAGGCTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGTGACCATGCGCCCTTCGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGTGACCATGCGCCCTTCGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
QY 181 TTGTACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACTACCCC 240
DB 181 TTGTACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACTACCCC 240
QY 241 TTGCACACTACCCCTAAGGAAGAGAGGTGTACCATGTTCAGAGAGGTTTCAGGCTGTTT 300
DB 241 TTGCACACTACCCCTAAGGAAGAGAGGTGTACCATGTTCAGAGAGGTTTCAGGCTGTTT 300
QY 301 TCANTTTGTCAGTTTGTGGATGATGAGATTGACTTAATCGAATAAATGGGAATGTGAA 360

30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
20-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032578.
20-DEC-2000; 2000US-00747259.
28-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WT, Zhang Z;
WPI; 2003-900164/82.
P-PSDB; ADD91854.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 2; SEQ ID NO 271; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor- α (TNF- α) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a

medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems. PRO
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polynucleotide of the invention. Note:
The sequence data for this patent is also available in electronic format
from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGGGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGACACAGATGGGGGCGCGAGGGGAGGCTCTGGTGTAGGAGCCCACTGGGGCTCCCG 120
DB 61 GGGACACAGATGGGGGCGCGAGGGGAGGCTCTGGTGTAGGAGCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGCTGACCATGGCTTGGCCGGAGGTTGGGGACCCCTTGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGTGCTGACCATGGCTTGGCCGGAGGTTGGGGACCCCTTGGCTGAAGCA 180
QY 181 TTGACTCGCTTGGGTGTATCGGCTCTTGGCCAGCGGCTGTGCTGAGTACTACCCC 240
DB 181 TTGACTCGCTTGGGTGTATCGGCTCTTGGCCAGCGGCTGTGCTGAGTACTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAGAGGAGCTTGTACGCAATGTGACAGAGTTGACGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAGAGGAGCTTGTACGCAATGTGACAGAGTTGACGGCTGTTT 300
QY 301 TCAATTTGCTGTTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGCTGTTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGTTGC 420
QY 421 CAGAAATCAGCTGCGATTGCTGAACTGAGACAGAACAACTTATGCTTCCCTGACCAAAA 480
DB 421 CAGAAATCAGCTGCGATTGCTGAACTGAGACAGAACAACTTATGCTTCCCTGACCAAAA 480
QY 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAAGTCACTTCTGGAGTGACATGAGACTCC 540
DB 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAAGTCACTTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATTAACCTCTTCATGGAATTTTATCTTCAGCCGATGACGGGAAATA 600
DB 541 GCACAGAGCTTCATTAACCTCTTCATGGAATTTTATCTTCAGCCGATGACGGGAAATA 600
QY 601 GTTATATTCAGCTTAAGCAGAAATCCAGTACCGACCAATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGCTTAAGCAGAAATCCAGTACCGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720

721	QY	CACAGGAATTTCTTGAAGATGGAAGAGTGAGCTTTTAAAGTGCCTCTCTCTTAAC	780
721	Db	CACAGGAATTTCTTGAAGATGGAAGAGTGAGCTTTTAAAGTGCCTCTCTCTTAAC	780
781	QY	TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTGT	840
781	Db	TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTGT	840
841	QY	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
841	Db	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
901	QY	GGTGACCTGGAGTTTATGAATGAACAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
901	Db	GGTGACCTGGAGTTTATGAATGAACAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
961	QY	GTTGTTAGATCTAAAACCTGAAGATCATGAAGACGAGGCCCTCTACCTACAAAAGTGAAT	1020
961	Db	GTTGTTAGATCTAAAACCTGAAGATCATGAAGACGAGGCCCTCTACCTACAAAAGTGAAT	1020
1021	QY	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA	1080
1021	Db	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA	1080
1081	QY	TAATCCACTCTCATAGAGCTTTTAAAATGGTTTCATTCGCATATAGGCCCTTAAGAAATCA	1140
1081	Db	TAATCCACTCTCATAGAGCTTTTAAAATGGTTTCATTCGCATATAGGCCCTTAAGAAATCA	1140
1141	QY	CTATAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
1141	Db	CTATAAATGCAAAATAAAGTTACTCAAATCTGTG	1174

RESULT 160
ADE33316
ID ADE33316 standard; cDNA; 1174 BP.

AC	AC	ADE33316;
XX	29-JAN-2004	(first entry)
XX		Novel human secreted and transmembrane protein PRO195 cDNA.
DT		
XX		Human; secreted and transmembrane protein; PRO; gene; ss;
XX		Tumour necrosis factor alpha release; TNF-alpha release;
DE		Glucose uptake modulator; PFA uptake modulator;
XX		Cell proliferation stimulator; Cell differentiation stimulator;
XX		Cell differentiation inhibitor; cytokine release stimulator;
KW		lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW		cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW		gene therapy; chromosome identification; chromosome marker.
XX		
OS		Homo sapiens.
XX		
XX		US2003194767-A1.
PN		
XX		16-OCT-2003.
XX		
PD		
XX		16-MAY-2002; 2002US-00147497.
XX		
XX		26-AUG-1998; 98US-0097951P.
PR		02-JUN-1999; 99WO-US012252.
PR		25-AUG-1999; 99US-00380137.
PR		30-MAR-2000; 2000WO-US008439.
PR		01-DEC-2000; 2000WO-US032678.
PR		19-DEC-2001; 2001US-00028072.
XX		
FA		(GETH) GENENTECH INC.
XX		
XX		Baker KP, Bersesini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI		Grittisen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI		Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX		

PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001US-00802706.
PR 09-MAR-2001; 2001US-00808689.
PR 14-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00828366.
PR 05-APR-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX

(GETH) GENENTECH INC.

PA Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
FI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX

WPI; 2003-899790/82.

P-PSDB; ADE33869.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PI and/or cartilage disorders, e.g. arthritis.
XX

Claim 2; SEQ ID NO 271; 636pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from BMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W, PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S, PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-875867/81.
P-PSDB; ADD79921.

New PRO nucleic acid, useful for manufacturing a medicament for diagnosing or treating tumor, for chromosome mapping or for tissue typing.

Claim 2; Fig 271; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- α (TNF- α) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. The sequence encodes a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
DB 1 CGGACGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGCTGTGCTGTGACCAATGGCTTGGCGGAGCTTGGCGGACCGCTTCGGTGAAGCA 180
DB 121 CGCTGTGCTGTGACCAATGGCTTGGCGGAGCTTGGCGGACCGCTTCGGTGAAGCA 180
QY 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCACTGACCTACCCC 240
DB 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCACTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGAGAGTTGTACGATGTACAGAGAGTTGCAGGCTGTTT 300

DB 241 TTGCACACCTACCTAAGGAAGAGAGTTGTACGATGTACAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTTCAGTTTGTGGATGATGAATTCATTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTTGTTCAGTTTGTGGATGATGAATTCATTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCTTAATCTGTATGAGCAATATGCTTTGCCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAAAGCATATTCCTTAATCTGTATGAGCAATATGCTTTGCCATCTTGGTTC 420
QY 421 CAGATCAGCTGCCATTCGCTGAACCTGCTGAGCAAGAACTATGCTTCCTGATGCCAAA 480
DB 421 CAGATCAGCTGCCATTCGCTGAACCTGCTGAGCAAGAACTATGCTTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAATCTCTGGTGAAGTCAATCTTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTTCTCTTAATCTCTGGTGAAGTCAATCTTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATCGACTTTTATCTTCACAGCCGATGACCGAAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATCGACTTTTATCTTCACAGCCGATGACCGAAAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACCATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACCATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGGG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGGG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGTGCCTCTCTTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGTGCCTCTCTTTAAC 780
QY 781 TCTGGGTGAGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
DB 781 TCTGGGTGAGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTGATCTAAACTGAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTGATCTAAACTGAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTCCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTCCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTCATTGATATAGGCCCTTGAAGAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTCATTGATATAGGCCCTTGAAGAATCA 1140
QY 1141 CTATAAAATGCAAAATGAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAAATGCAAAATGAAGTTACTCAAAATCTGTG 1174

RESULT 163
ADD92957
ID ADD92957 standard; cDNA; 1174 BP.

XX AC ADD92957;
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor- α ; TNF- α ; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
XX immune system cell infiltration.
XX Homo sapiens.
XX OS
XX US2003194768-A1.
XX PN
XX 16-OCT-2003.
XX PD
XX 21-MAY-2002; 2002US-00152371.
XX PF
XX 03-MAR-2000; 2000US-0187202P.
XX PR
XX 01-DEC-2000; 2000WO-US032678.
XX PR
XX 19-DEC-2001; 2001US-00028072.
XX XX
XX (GETH) GENENTECH INC.
XX PI
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX P-PSDB; ADD92958.
XX DR
XX WPI; 2003-899787/82.
XX DR
XX P-PSDB; ADD92958.
XX XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX PT
XX Claim 2; SEQ ID NO 271; 636pp; English.
XX CC
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor- α (TNF- α) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC the sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 120
DB 61 GGGAAACAAGATGCGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 120
QY 121 CCGCTGCTGCTGACCAATGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 180
DB 121 CCGCTGCTGCTGACCAATGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGGCCACCGGGCGCTGTGAGTTGACCTACCC 240
DB 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGGCCACCGGGCGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGTATGCGCATGTTCAGAGGTTGCAAGCTGT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGTATGCGCATGTTCAGAGGTTGCAAGCTGT 300
QY 301 TCATTTTGTGAGTTTGGATGATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 360
DB 301 TCATTTTGTGAGTTTGGATGATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTTGC 420
DB 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTTGC 420
QY 421 CAGATCAGCTGCCATTCGCTGAACTGAGACACAGACAACTTATGCTCCCTGATGCGAAA 480
DB 421 CAGATCAGCTGCCATTCGCTGAACTGAGACACAGACAACTTATGCTCCCTGATGCGAAA 480
QY 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGGTCAATCTGAGGTGACATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGGTCAATCTGAGGTGACATGATGAGCTCC 540
QY 541 GCACAGAGCTTCATPACCTCTTCATGCACTTTTATCTTCAGCCGATGACCGAAAATA 600
DB 541 GCACAGAGCTTCATPACCTCTTCATGCACTTTTATCTTCAGCCGATGACCGAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTGAGAGATCATCTCTPAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGGG 720
DB 661 AATTGAGAGATCATCTCTPAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGGG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGGTGGTCTTTTAAAGATGCTCTCTCTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGGTGGTCTTTTAAAGATGCTCTCTCTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATGATGATGATGAT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATGATGATGATGAT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGG 960
QY 961 GTTGTAGATCTAAACTGAGATCATGAGAGAGCGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAGATCATGAGAGAGCGGCGCTCTACCTACAAAGTGAAT 1020

QY 61 GGGAAACAAGATGGGGCGCCGAGGGAGCGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGGGCGCCGAGGGAGCGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGACCATCGCTTGGCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
Db 121 CGGCTGCTGCTGACCATCGCTTGGCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
QY 181 TTGACTCGGTCTGGGTGATACCGCTCTTGGCACCGGGCGCTGTGAGTTGACTACCC 240
Db 181 TTGACTCGGTCTGGGTGATACCGCTCTTGGCACCGGGCGCTGTGAGTTGACTACCC 240
QY 241 TTGACACCTACCTTAAGGAAGAGGTTGACCCATGTGACAGAGGTTCAGCGCTGTT 300
Db 241 TTGACACCTACCTTAAGGAAGAGGTTGACCCATGTGACAGAGGTTCAGCGCTGTT 300
QY 301 TCAATTTGCTGAGTTGCTGATGAGGATGACATTAATCGAATTAATGGAATGGA 360
Db 301 TCAATTTGCTGAGTTGCTGATGAGGATGACATTAATCGAATTAATGGAATGGA 360
QY 361 TCTGATGTACGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420
Db 361 TCTGATGTACGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420
QY 421 CAGAAATCAGCTGCGCATTCGCTGAACTGAGCAAGCAAACTTATGCTCCGTGACCAAA 480
Db 421 CAGAAATCAGCTGCGCATTCGCTGAACTGAGCAAGCAAACTTATGCTCCGTGACCAAA 480
QY 481 ATGCACTTACTTTCTTCTTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACTTACTTTCTTCTTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACTCTTCTGAGCTTTTATCTTCAAGCGGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACTCTTCTGAGCTTTTATCTTCAAGCGGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCGAATCCAGTACGACCAATTTGGAGAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCGAATCCAGTACGACCAATTTGGAGAGGACCTTACA 660
QY 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCAGAGCG 720
Db 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCAGAGCG 720
QY 721 CACAGAAATTTCTTGAAGTGGAGAAAGTGAATGCTTTTAAAGATCCCTCTCTTAA 780
Db 721 CACAGAAATTTCTTGAAGTGGAGAAAGTGAATGCTTTTAAAGATCCCTCTCTTAA 780
QY 781 TCTGGTGGATTTAACTACACTCTTCTCTCTGCTGCTGATGATGCTTCTGATTTGT 840
Db 781 TCTGGTGGATTTAACTACACTCTTCTCTCTGCTGCTGATGATGCTTCTGATTTGT 840
QY 841 TGTCAACTGTTGTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTCAACTGTTGTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGCTGGATTTATGATGAACAAAGTAAACAGATATCCAGTCTTCTCTTGTG 960
Db 901 GGTGCTGGATTTATGATGAACAAAGTAAACAGATATCCAGTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAATTTAGCATTTTCTTTTAAAGACAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAATTTAGCATTTTCTTTTAAAGACAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174

Db 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 165

ADE19377
ID ADE19377 standard; cDNA; 1174 BP.

AC ADE19377;

XX 29-JAN-2004 (first entry)

XX Human PRO polynucleotide #136.

XX Human; Gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
liver; microvascular endothelial cell; glucose; PFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
immune system cell infiltration.

XX Homo sapiens.

XX US2003199025-A1.

XX 23-OCT-2003.

XX 21-MAY-2002; 2002US-00152385.

XX 03-MAR-2000; 2000US-0187202P.

XX 10-NOV-2000; 2000WO-US030873.

XX 01-DEC-2000; 2000WO-US032878.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Deanoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900156/82.

XX P-PSDB; ADE19378.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

PS Claim 2; SEQ ID NO 271; 648pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or PFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAACCTTCGAGAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
DB 1 CGGACGGTGGGGAACCTTCGAGAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGCGCGGCGGAGGAGCCTCTGGGTGAGGACCAACTGGGGTCCCG 120
DB 61 GGGAAACAGATGGCGCGCGGCGGAGGAGCCTCTGGGTGAGGACCAACTGGGGTCCCG 120
QY 121 CCGTGTCTGTCTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAACA 180
DB 121 CCGTGTCTGTCTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAACA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTTGGGTGATACGGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAGGAGAGGAGTTGTACGCATGTACAGAGGTTGACGCTGTTT 300
DB 241 TTGCACACCTACCTTAGGAGAGGAGTTGTACGCATGTACAGAGGTTGACGCTGTTT 300
QY 301 TCAATTTGTCTGAGTTTGGGATGATGAAATGACTTAAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTCTGAGTTTGGGATGATGAAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCGCTGCACTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCGCTGCACTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGTGTATCTGAGTGTACATGAGCTCC 540
DB 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGTGTATCTGAGTGTACATGAGCTCC 540
QY 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATCAGCGAAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATCAGCGAAAATA 600
QY 601 GTTATATCCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTACA 660
DB 601 GTTATATCCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTACA 660
QY 661 AATTGTGAGAGTATCTCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGGG 720
DB 661 AATTGTGAGAGTATCTCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGGG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACACCTCTGTCTCTCGGTGATGATGCTTGGATTGT 840

DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTGGATTGT 840
QY 841 TGTGCAACTGTTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
DB 841 TGTGCAACTGTTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTGTAGATCTAAACTGAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTGTAGATCTAAACTGAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAGTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAGTACTCAAAATCTGTG 1174

RESULT 166

ADE18825
ID ADE18825 standard; cDNA; 1174 BP.

XX AC ADE18825;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polynucleotide #136.

XX KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003199026-A1.

XX PD 23-OCT-2003.

XX PF 20-MAY-2002; 2002US-00152393.

XX PR 03-MAY-2000; 2000US-0187202P.

XX FR 01-DEC-2000; 2000WO-US032678.

XX FR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

XX XX WPI; 2003-900157/82.

XX DR P-PSDB; ADE18826.

XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

XX US2003199033-A1.
XX 23-OCT-2003.
XX 28-MAY-2002; 2002US-00156845.
XX 05-JUN-2000; 2000US-0209832P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-900162/82.
XX P-PSDB; ADE43022.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX useful for treating pericyte-associated tumors, diabetes and various bone
XX and/or cartilage disorders, e.g. arthritis.
XX Claim 2; Fig 271; 636pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX the proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassaemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polynucleotide of the invention. Note:
XX the sequence data for this patent is also available in electronic format
XX from USPTO at seqdata.uspto.gov/sequence.html.
XX
XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
XX
XX Query Match 100.0%; Score 1174; DB 9; Length 1174;
XX Best Local Similarity 100.0%; Pred. No. 0;
XX Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 1 CGGACGGGTGGGGAAACCCCTTCGAGAAAACGCAACAGCTGAGCTCTGTGACAGAG 60
XX
XX 1 CGGACGGGTGGGGAAACCCCTTCGAGAAAACGCAACAGCTGAGCTCTGTGACAGAG 60
XX
XX 61 GGGACAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
XX
XX 61 GGGACAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
XX

QY 121 CGGCTGCTGCTGCTGACCATG3CCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATG3CCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTGAGTTCACCTACCCC 240
DB 181 TTTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTGAGTTCACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAGAGAGGTTGTACGCACTGTACAGAGGTTGAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAGAGAGGTTGTACGCACTGTACAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGGAATTCGAACTTAATCGAACTTAATCGAACTGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGGAATTCGAACTTAATCGAACTTAATCGAACTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
QY 421 CAGAACTCAGCTGCCATTGCTGAACTGAGACAGAACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGAACTCAGCTGCCATTGCTGAACTGAGACAGAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGGTCAATCTGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGGTCAATCTGAGTGACATGATGACTCC 540
QY 541 GCACAGGCTTCAATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGGCTTCAATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGAGCAGGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGAGCAGGAGGCTTACA 660
QY 661 AATTGAGAGATCATCTTCAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTTCAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAGAACTGATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGGAGAACTGATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGGAGGATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGGAGGATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTTAAACTGAAGTCAATGAGAGGAGGAGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAGTCAATGAGAGGAGGAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATATAATGCAATTAAGTACTCAAACTCTGTG 1174
DB 1141 CTATATAATGCAATTAAGTACTCAAACTCTGTG 1174

RESULT 168

ADD95810

ID ADD95810 standard; CDNA; 1174 BP.

XX

AC ADD95810;

XX

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polynucleotide #136.

XX

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
 KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

PN US2003199059-A1.

XX

PD 23-OCT-2003.

XX

PF 15-APR-2002; 2002US-00123322.

XX

PR 31-MAR-1997; 97WO-US005230.

PR

PR 12-JUN-1998; 98WO-US012456.

PR

PR 14-JUL-1998; 98WO-US014552.

PR

PR 28-AUG-1998; 98WO-US017888.

PR

PR 10-SEP-1998; 98WO-US018824.

PR

PR 14-SEP-1998; 98WO-US019093.

PR

PR 14-SEP-1998; 98WO-US019177.

PR

PR 16-SEP-1998; 98WO-US019330.

PR

PR 17-SEP-1998; 98WO-US019437.

PR

PR 27-OCT-1998; 98WO-US021141.

PR

PR 29-OCT-1998; 98WO-US022992.

PR

PR 20-NOV-1998; 98WO-US024855.

PR

PR 01-DEC-1998; 98WO-US025108.

PR

PR 05-JAN-1999; 99WO-US000106.

PR

PR 08-MAR-1999; 99WO-US005028.

PR

PR 10-MAR-1999; 99WO-US005190.

PR

PR 20-APR-1999; 2000WO-US006319.

PR

PR 14-MAY-1999; 99WO-US008615.

PR

PR 02-JUN-1999; 99WO-US010733.

PR

PR 01-SEP-1999; 99WO-US012252.

PR

PR 08-SEP-1999; 99WO-US020111.

PR

PR 13-SEP-1999; 99WO-US020594.

PR

PR 15-SEP-1999; 99WO-US020944.

PR

PR 15-SEP-1999; 99WO-US021090.

PR

PR 05-OCT-1999; 99WO-US021547.

PR

PR 29-NOV-1999; 99WO-US023089.

PR

PR 30-NOV-1999; 99WO-US028214.

PR

PR 30-NOV-1999; 99WO-US028313.

PR

PR 30-NOV-1999; 99WO-US028409.

PR

PR 01-DEC-1999; 99WO-US028301.

PR

PR 01-DEC-1999; 99WO-US028634.

PR

PR 02-DEC-1999; 99WO-US028551.

PR

PR 02-DEC-1999; 99WO-US028564.

PR

PR 16-DEC-1999; 99WO-US028565.

PR

PR 20-DEC-1999; 99WO-US030095.

PR

PR 20-DEC-1999; 99WO-US030911.

PR

PR 22-DEC-1999; 99WO-US030999.

PR

PR 22-DEC-1999; 99WO-US030720.

PR

PR 30-DEC-1999; 99WO-US031243.

PR

PR 30-DEC-1999; 99WO-US031274.

PR

PR 05-JAN-2000; 2000WO-US000219.

PR

PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003563.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US008520.
 PR 01-MAR-2001; 2001WO-US008666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900169/82.

P-PSDB; ADD95811.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.

Claim 2; Fig 271; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- α (TNF- α) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGGAAACCCCTCCGAGAAAACGCAACAGCTGAGCTGCTGTGACAG 60
DB 1 CGGACCGGTGGGAAACCCCTCCGAGAAAACGCAACAGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAGATGGCGGCGCGGAGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
DB 61 GGGAAACAGATGGCGGCGCGGAGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
QY 121 CCGCTGCTGCTGACCATGGGCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGACCATGGGCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAAGGCTGTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAAGGCTGTT 300
QY 301 TCAATTTGTGCTGCTGATGAGTGAATGACTTAATCGAAGTAAATGGAATGCGA 360
DB 301 TCAATTTGTGCTGCTGATGAGTGAATGACTTAATCGAAGTAAATGGAATGCGA 360
QY 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
DB 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
QY 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
DB 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
QY 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540

DB 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATACACCTCTTCATGGGACTTTTATCTTCAGCGGATGACGGAAATA 600
DB 541 GCACAGAGCTTCATACACCTCTTCATGGGACTTTTATCTTCAGCGGATGACGGAAATA 600
QY 601 GTTATATTCAGCTGTAAGCCAGCAAAATCCAGTACGACACACACATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGCTGTAAGCCAGCAAAATCCAGTACGACACACATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTTCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTTCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGCAAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGCAAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTAACACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
DB 781 TCTGGGTGATTTTAACTAACACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTGAAACAGATATCCAGCTTCTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTGAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTGTAGATCTAAACTGAAAGTATGAGAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTGTAGATCTAAACTGAAAGTATGAGAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTGTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
DB 1021 CTGTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACACTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACACTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
RESULT 169
ADE22696
ID ADE22696 standard; cDNA; 1174 BP.
XX ADE22696;
AC ADE22696;
XX
XX
DT 29-JAN-2004 (first entry)
XX cDNA encoding human PRO polypeptide #136.
DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor- α ; TNF- α ; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
OS Homo sapiens.
XX
XX US2003199064-A1.
XX
XX 23-OCT-2003.
PD

XX 19-APR-2002; 2002US-00125932.
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-MAR-1999; 2000WO-US006319.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 13-SEP-1999; 99WO-US020594.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023059.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 15-MAR-2000; 2000WO-US005841.
PR 20-MAR-2000; 2000WO-US006884.
PR 21-MAR-2000; 2000WO-US007377.
PR 30-MAR-2000; 2000WO-US007532.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 01-MAR-2001; 2001WO-US008520.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-900169/82.
XX P-PSDB, ADE22697.
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides, and
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX Claim 2; Fig 271; 638pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC reagents in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-

CC	associated disorders such as various thalassemias and conditions which
CC	may benefit from enhanced local immune system cell infiltration. This
CC	sequence encodes a human PRO polypeptide of the invention. Note: The
CC	sequence data for this patent is also available in electronic format from
CC	the USPRO website at seqdata.uspto.gov .
XX	
SQ	Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
	Query Match 100.0%; Score 1174; DB 9; Length 1174;
	Best Local Similarity 100.0%; Pred. No. 0;
	Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	1 CGGACGCGCTGGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACACAG 60
DB	1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACACAG 60
QY	61 GGGAAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB	61 GGGAAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY	121 CGGCTGTGCTGTGACCAATGCGCTTGCGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB	121 CGGCTGTGCTGTGACCAATGCGCTTGCGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY	181 TTTTGACTCGGTCCTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
DB	181 TTTTGACTCGGTCCTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY	241 TTGCACAACCTACCCTAAGGAAAGAGAGTTGTAACGATGTGAGAGAGTTGCAAGGCTGTTT 300
DB	241 TTGCACAACCTACCCTAAGGAAAGAGAGTTGTAACGATGTGAGAGAGTTGCAAGGCTGTTT 300
QY	301 TCGAATTTGTGACGTTTGTGGATGCGAATTCGACTTAATCGAACTAAATTTGGAATGTGAA 360
DB	301 TCGAATTTGTGACGTTTGTGGATGCGAATTTGACTTAATTCGAATTAATTTGGAATGTGNA 360
QY	361 TCTGCATGTACAGAAGCATATTCGCAATCTCATGAGCAATATGCTTGGCCATCTTGGTTGCG 420
DB	361 TCTGCATGTACAGAAGCATATTCGCAATCTCATGAGCAATATGCTTGGCCATCTTGGTTGCG 420
QY	421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
DB	421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
QY	481 ATGCACCTACTCTTCTCTAACTCTGGTGGAGTCATTCTGGAGTGACATGTGGATCTCC 540
DB	481 ATGCACCTACTCTTCTCTAACTCTGGTGGAGTCATTCTGGAGTGACATGTGGATCTCC 540
QY	541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAANAATA 600
DB	541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAANAATA 600
QY	601 GTTATATTCCAGTCTAAGCCAGAAATTCAGTACGCAACACATTTGGAGCAGGACCTTACA 660
DB	601 GTTATATTCCAGTCTAAGCCAGCAAAATTCAGTACGCAACACATTTGGAGCAGGACCTTACA 660
QY	661 AATTGAGAGATCATCTCTAAGCAAAATATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB	661 AATTGAGAGATCATCTCTAAGCAAAATATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY	721 CACAGGAAATTTTCTTCAAGATGGAAAGTGAATGCTTTTTAAGATGCCCTCTCTTTAAC 780
DB	721 CACAGGAAATTTTCTTGAAGATGGAAAGTGAATGCTTTTTAAGATGCCCTCTCTTTAAC 780
QY	781 TCTGGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATTTGCTTTGATTTGT 840
DB	781 TCTGGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATTTGCTTTGATTTGT 840
QY	841 TGTGCAACTGTGCTACAGCTGTGGACAGTATGTTCCCTCTGAGAGAGCTGAGTATCTAT 900
DB	841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGAGCTGAGTATCTAT 900
QY	901 GGTGACTGTGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTTTCTCTTG 960

Db	901	GCTGCTTGGAGTTTATGATGA	CAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
Qy	961	GTCTTTAGATCTAAA	CTGAAGATCATGAAGACAGGGCCCTTACCTCAAAAGTGAAT	1020
Db	961	GTCTTTAGATCTAAA	CTGAAGATCATGAAGACAGGGCCCTTACCTCAAAAGTGAAT	1020
Qy	1021	CTTCCCTCATTTCTGAATTTAA	GCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTCCCTCATTTCTGAATTTAA	GCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Qy	1081	AATTCCTCCTCATGAGCTTTAA	ATTAAGTGTTCATTTGGATATAGGCTTTAGAAATCA	1140
Db	1081	AATTCCTCCTCATGAGCTTTAA	ATTAAGTGTGTTCATTTGGATATAGGCTTTAGAAATCA	1140
Qy	1141	CTATAAATCGAATAAAGTTACT	CAAAATCTGTG	1174
Db	1141	CTATAAATCGAATAAAGTTACT	CAAAATCTGTG	1174
RESULT 170				
ADD78814				
ID	ADD78814 standard; cDNA; 1174 BP.			
XX	AC			
XX	ADD78814;			
XX	29-JAN-2004 (first entry)			
XX	cDNA encoding human PRO polypeptide #136.			
DE	Human; gens; ss; PRO; secreted polypeptide; transmembrane polypeptide;			
XX	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;			
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;			
KW	liver; microvascular endothelial cell; glucose; FFA;			
KW	skeletal muscle cell; adipocyte cell; pericyte cell;			
KW	inner ear utricular supporting cell; T-lymphocyte cell;			
KW	endothelial cell tube formation; bone disorder; cartilage disorder;			
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;			
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;			
KW	immune system cell infiltration.			
XX	Homo sapiens.			
OS	US20030203429-A1.			
DN	30-OCT-2003.			
XX	22-APR-2002; 2002US-00127900.			
XX	05-JUN-2000; 2000US-0209832P.			
PR	01-DEC-2000; 2000WO-US032678.			
PR	19-DEC-2001; 2001US-00028072.			
XX	(GETH) GENENTECH INC.			
FA	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;			
XX	Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;			
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;			
XX	WPI; 2003-875636/81.			
DR	P-PSDB; ADD78815.			
XX	New isolated, secreted and transmembrane PRO polypeptides and nucleic			
PT	acids, useful for the diagnosis, prevention and/or treatment of tumors,			
PT	such as lung, colon, breast, prostate, rectal, cervical and/or liver			
PT	tumors.			
PS	Claim 2; Fig 271; 637pp; English.			
XX	The invention relates to isolated human PRO polypeptides (secreted and			
CC	transmembrane polypeptides) and the polynucleotides encoding them. The			
CC	invention also relates to an antibody which specifically binds to a PRO			
CC	polypeptide, a method for stimulating the release of tumour necrosis			

factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence encodes a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGGGGAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
DB 1 CGGACGGCTGGGGAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAGGGAGGCTCTGGGTGAGGACCAACTGGGGCTCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAGGGAGGCTCTGGGTGAGGACCAACTGGGGCTCCG 120
QY 121 CCGCTGCTGCTGTGACATGAGGAGGCTTCGGCGGAGGTTCCGGGTGAAGCA 180
DB 121 CCGCTGCTGCTGTGACATGAGGAGGCTTCGGCGGAGGTTCCGGGTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGCGACCGGGCTGTGAGTACCTACCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGCGACCGGGCTGTGAGTACCTACCC 240
QY 241 TTGACACCTACCTAAGGAGAGGAGTTGTACGATGTCAGAGAGTTGCGAGGCTGTT 300
DB 241 TTGACACCTACCTAAGGAGAGGAGTTGTACGATGTCAGAGAGTTGCGAGGCTGTT 300
QY 301 TCAATTTGCTGATTTGGATGATGGAATGCACTTAATGCACTTAATGGAATGTGAA 360
DB 301 TCAATTTGCTGATTTGGATGATGGAATGCACTTAATGCACTTAATGGAATGTGAA 360
QY 361 TCTGATGTCAGAGAGCATATCCCACTCTGATGAGCAATATGCTGCCACTTTGGTTC 420
DB 361 TCTGATGTCAGAGAGCATATCCCACTCTGATGAGCAATATGCTGCCACTTTGGTTC 420
QY 421 CAGAAATGAGCTGCCATTCGCTGAATGAGACAGAAACAATTATGCTCCCTGATGCCAAA 480
DB 421 CAGAAATGAGCTGCCATTCGCTGAATGAGACAGAAACAATTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACTACTCTTTCTCTTAACCTGCTGGTGAAGTCACTTCTGGAGTGACATGAGTCC 540
DB 481 ATGCACTACTCTTTCTCTTAACCTGCTGGTGAAGTCACTTCTGGAGTGACATGAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600

DB 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGACCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGACCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTTCTTAAGAGATGGAGAAAGTATGCTGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTTCTTAAGAGATGGAGAAAGTATGCTGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTAACTCTTCTCTCGGTGATGCTTCTTGGATTGT 840
DB 781 TCTGGTGGATTTTAACTAACTCTTCTCTCGGTGATGCTTCTTGGATTGT 840
QY 841 TGTGCAACTGTTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTTAAACTGAGATCATGAGAGCAGGCTCTACCTTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAGATCATGAGAGCAGGCTCTACCTTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTTCATTTGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTTCATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
RESULT 171
ADE32764
ID ADE32764 standard; cDNA; 1174 BP.
XX
AC ADE32764;
XX
DT 29-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195 cDNA.
XX
KW Human; secreted and transmembrane protein; PRO; gene; ss;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
XX
XX US2003194766-A1.
XX
XX PD 16-OCT-2003.
XX
XX 14-MAY-2002; 2002US-00145874.
XX
XX 05-JUN-2000; 2000US-0209832P.
PR
PR 01-DEC-2000; 2000WO-US032578.

PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 FI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-899785/82.
 DR P-PSDB; ADE32765.
 XX
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 2; SEQ ID NO 271; 636pp; English.
 XX
 CC The invention describes 305 nucleic acids encoding PRO (secreted and
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the
 CC release of TNF-alpha from human blood, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PBMC cells, for inhibiting the binding of
 CC A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
 CC and gene mapping, in generation of antisense RNA and DNA, in the
 CC preparation of PRO polypeptide, for generating transgenic animals or
 CC knockout animals which in turn are useful in the development and
 CC screening of therapeutically useful reagents, in gene therapy, for
 CC chromosome identification, as chromosome marker, and for generating
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
 CC detecting its expression in specific cells, tissues or serum, and for
 CC affinity purification of PRO from recombinant cell culture or natural
 CC sources. (I) and (II) are useful for tissue typing. This sequence encodes
 CC a novel human secreted and transmembrane PRO polypeptide.
 XX
 SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
 DB 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
 QY 61 GGGACAGATGGCGCGCGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
 DB 61 GGGACAGATGGCGCGCGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
 QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTCGGCGGAGGTTTCGGGACCCGCTTCGCTGAAGCA 180
 DB 121 CCGCTGCTGCTGCTGACCATGGCCCTTCGGCGGAGGTTTCGGGACCCGCTTCGCTGAAGCA 180
 QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTTCAGTTGACCTACCC 240
 DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTTCAGTTGACCTACCC 240
 QY 241 TTGCACACCTACCTACGAGAGAGAGTTGTAGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
 DB 241 TTGCACACCTACCTACGAGAGAGAGTTGTAGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
 QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360

DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360
 QY 361 TCTGTCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
 DB 361 TCTGTCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
 QY 421 CAGATCAGCTGCGCATTCGCTGAACTGAGCAAGCAACACTTATGTCCTGATGCCAAAA 480
 DB 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGCAAGCAACACTTATGTCCTGATGCCAAAA 480
 QY 481 ATGCACCTACTCTTTTCCCTTAACCTCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
 DB 481 ATGCACCTACTCTTTTCCCTTAACCTCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
 QY 541 GCACAGAGCTTCATAAAGCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600
 DB 541 GCACAGAGCTTCATAAAGCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600
 QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCGAGCCCTACA 660
 DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCGAGCCCTACA 660
 QY 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
 DB 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
 QY 721 CACAGAAATTTTCTGAAGATGAGAAAGTATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
 DB 721 CACAGAAATTTTCTGAAGATGAGAAAGTATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
 QY 781 TCTGGTGAATTTAACTCAAACTCTTCTCGGTGATGATGCTTCTCTTGAATTTGT 840
 DB 781 TCTGGTGAATTTAACTCAAACTCTTCTCGGTGATGATGCTTCTCTTGAATTTGT 840
 QY 841 TGTGCAACTGTTGTACAGCTCTGAGCAGATGATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
 DB 841 TGTGCAACTGTTGTACAGCTCTGAGCAGATGATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
 QY 901 GGTGACTGGAGTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTCTG 960
 DB 901 GGTGACTGGAGTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTCTG 960
 QY 961 GTTGTAGATCTAAACTGAAAGTATGAGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
 DB 961 GTTGTAGATCTAAACTGAAAGTATGAGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
 QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
 DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
 QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
 DB 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
 QY 1141 CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG 1174
 DB 1141 CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG 1174

RESULT 172
 ADE42456

ID ADE42456 standard; cDNA; 1174 BP.

XX ADE42456;

XX 29-JAN-2004 (first entry)

XX Human PRO polynucleotide #136.

XX Human; Gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
XX Homo sapiens.

XX US2003199032-A1.

XX 23-OCT-2003.

XX 28-MAY-2002; 2002US-00156844.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI, 2003-900161/82.

XX P-FSDB; ADE4457.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX useful for treating pericyte-associated tumors, diabetes and various bone
XX and/or cartilage disorders, e.g. arthritis.

XX Claim 2; Fig 271; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polynucleotide of the invention. Note:
XX The sequence data for this patent is also available in electronic format
XX from USPTO at seqdata.uspto.gov/sequence.html.

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;

Best Local Similarity 100.0%; Fred. No. 0;

	Matches 1174;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGTCTGTGTGACAGAG	60						
Db	1	CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGTCTGTGTGACAGAG	60						
Qy	61	GGGAACAAGATGGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG	120						
Db	61	GGGAACAAGATGGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG	120						
Qy	121	CCGCTGCTGCTGTCACCATGTCCTGGCGGAGGTTCCGGGACCGCTTCGAGCTGGAAGCA	180						
Db	121	CCGCTGCTGCTGTCACCATGTCCTGGCGGAGGTTCCGGGACCGCTTCGAGCTGGAAGCA	180						
Qy	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGACCGGGCTGTCACTTCACCTTACCCCC	240						
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGACCGGGCTGTCACTTCACCTTACCCCC	240						
Qy	241	TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTGTTT	300						
Db	241	TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTGTTT	300						
Qy	301	TCAATTGTGTCAGTTGTGATGATGGAATGTGACTTAAATCGAATTAATTTGGAATGAA	360						
Db	301	TCAATTGTGTCAGTTGTGATGATGGAATGTGACTTAAATCGAATTAATTTGGAATGAA	360						
Qy	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC	420						
Db	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC	420						
Qy	421	CAGATCAGCTGCATTCGCTGAACTGAGCAAGAACAACTTATGTCCTGTATGTCGCAAAA	480						
Db	421	CAGATCAGCTGCATTCGCTGAACTGAGCAAGAACAACTTATGTCCTGTATGTCGCAAAA	480						
Qy	481	ATGCACCTACTCTTCTCTTAACCTCTGAGTGAAGTCACTCTGAGTGAAGTGAAGTCACT	540						
Db	481	ATGCACCTACTCTTCTCTTAACCTCTGAGTGAAGTCACTCTGAGTGAAGTGAAGTCACT	540						
Qy	541	GCACAGAGCTTCAATACCTTCTGAGCACTTTTATCTTCAAGCCGATGACGGAATAATA	600						
Db	541	GCACAGAGCTTCAATACCTTCTGAGCACTTTTATCTTCAAGCCGATGACGGAATAATA	600						
Qy	601	GTATATTTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTACA	660						
Db	601	GTATATTTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTACA	660						
Qy	661	AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTTCAAAATGAGAAATTCACAGCG	720						
Db	661	AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTTCAAAATGAGAAATTCACAGCG	720						
Qy	721	CACAGGAAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC	780						
Db	721	CACAGGAAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC	780						
Qy	781	TCTGGGTGGAATTTTAACTACAATCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT	840						
Db	781	TCTGGGTGGAATTTTAACTACAATCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT	840						
Qy	841	TGTCGAATCTGTCACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900						
Db	841	TGTCGAATCTGTCACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900						
Qy	901	CGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAAGATATCCAGCTTCTCTCTGTGG	960						
Db	901	CGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAAGATATCCAGCTTCTCTCTGTGG	960						
Qy	961	GTTGTTAGATCTAAACTGAAGTATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1020						
Db	961	GTTGTTAGATCTAAACTGAAGTATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1020						
Qy	1021	CTTGCTCAATCTGAAATTTTAAAGCAATTTTCTTTTAAAGCAAGTGTATATAGACATCTAA	1080						
Db	1021	CTTGCTCAATCTGAAATTTTAAAGCAATTTTCTTTTAAAGCAAGTGTATATAGACATCTAA	1080						

QY 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
DB 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATTAATGCAATTAAGTACTCAATCTGTG 1174
DB 1141 CTATTAATGCAATTAAGTACTCAATCTGTG 1174

RESULT 173

ADBE17155
ID ADE17155 standard; cDNA; 1174 BP.

AC ADE17155;

XX 29-JAN-2004 (first entry)

DE Human cDNA encoding secreted/transmembrane protein, PRO195.

XX Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX Homo sapiens.

XX US2003203433-A1.

XX 30-OCT-2003.

XX 18-OCT-2001; 2001US-00145016.

XX 06-MAY-1998; 98US-0084414P.

XX 22-DEC-1998; 98US-0113296P.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 12-APR-1999; 99US-00284291.

XX 25-AUG-1999; 99US-00380138.

XX 18-FEB-2000; 2000WO-US004341.

XX 30-JUL-2001; 2001US-00918585.

XX (GETH) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kijavini LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-875640/81.

XX P-PSDB; ADE17156.

XX New genes, and its encoded secreted and transmembrane polypeptides,
XX useful for treating e.g. lung or breast tumors, osteoarthritis,
XX rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
XX hypoinsulinemia or wounds.

XX Claim 2; SEQ ID NO 329; 459pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
XX transmembrane protein) having at least 80% amino acid sequence identity
XX to an amino acid sequence chosen from 94 fully defined sequences as given
XX in the specification (including PRO lacking its associated signal
XX peptide, a PRO extracellular domain with or without its associated signal
XX peptide). Also included are nucleic acids encoding the PRO proteins
XX mentioned above, a vector comprising a PRO nucleic acid, a host cell
XX comprising the vector and producing PRO, a chimeric molecule comprising
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337

CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence encodes a PRO protein.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Watch 100.0%; Score 1174; DB 9; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

DB 1 CGGACGCGTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGACACAGATGCGCGCGCGGAGGAGCTCTGGGTGAGGACCCCACTGGGCTCCCG 120

DB 61 GGGACACAGATGCGCGCGCGGAGGAGCTCTGGGTGAGGACCCCACTGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCCCGAGAGTTGCGGAGCCGCTTGGCTGAAGCA 180

DB 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCCCGAGAGTTGCGGAGCCGCTTGGCTGAAGCA 180

QY 181 TTGACTCGGCTCTGGGTGATACGCGCTTGGCCACCGGCGCTGCTGAGTACCTACCC 240

DB 181 TTGACTCGGCTCTGGGTGATACGCGCTTGGCCACCGGCGCTGCTGAGTACCTACCC 240

QY 241 TTGCACACCTTACCTTAAGGAGAGGAGTTGACGCACTGTGAGAGAGTTGAGAGCTGTT 300

DB 241 TTGCACACCTTACCTTAAGGAGAGGAGTTGACGCACTGTGAGAGAGTTGAGAGCTGTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATGCACTTAATTCGAATTAATTTGGAATGAA 360

DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATGCACTTAATTCGAATTAATTTGGAATGAA 360

QY 361 TCTGCATGTACAGAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

DB 361 TCTGCATGTACAGAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCGCATTCGCTGAATGAGCAAGCAAACTTATGTCCTGATGCCAAA 480

DB 421 CAGAATCAGCTGCGCATTCGCTGAATGAGCAAGCAAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540

DB 481 ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540

QY 541 GCACAGAGTTCAATACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

DB 541 GCACAGAGTTCAATACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGCACACATTTTGGAGCAGGAGCTACA 660

DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGCACACATTTTGGAGCAGGAGCTACA 660

Db 601 GTTATTTCAGTCTAAGCAGAAATCCAGTACGACACCATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAATCTTTGTCCTCTGGTGAATGATTTGTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAATCTTTGTCCTCTGGTGAATGATTTGTTGGATTTGT 840
Qy 841 TGTGCACTCTGCTACAGCTGGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCACTCTGCTACAGCTGGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAAGCTGAAGATCATGAGAGCAGGCGCTTACCTACAAAAGTGAT 1020
Db 961 GTTGTAGATCTAAAGCTGAAGATCATGAGAGCAGGCGCTTACCTACAAAAGTGAT 1020
Qy 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCRAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCRAATCTGTG 1174

RESULT 174
ADD80472
ID ADD80472 standard; cDNA; 1174 BP.
XX
AC ADD80472;
XX
DT 29-JAN-2004 (first entry)
XX
DE cDNA encoding human PRO polypeptide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
FN US2003207418-A1.
XX
PD 06-NOV-2003.
XX
XX 07-MAY-2002; 2002US-00140809.
XX
PR 31-MAR-1997; 97WO-US005930.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 08-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005130.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 05-OCT-1999; 99WO-US021547.
PR 29-NOV-1999; 99WO-US023089.
PR 30-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 31-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.

Db 1021 CTGCTCAATCTGAAATTTAAAGCAATTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATCAAAATAAGTTACTCAAAATCTGTG 1174

RESULT 175
ADD89500
ID ADD89500 standard; cDNA; 1174 BP.
XX AC ADD89500;
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polynucleotide #136.
XX KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor- α ; TNF- α ; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX FN US2003:199028-A1.
XX PD 23-OCT-2003.
XX PF 22-MAY-2002; 2002US-00153552.
XX PR 03-MAR-2000; 2000US-0187202P.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX PA (GETH) GENENTECH INC.
XX FI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
XX FI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX FI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX DR WPI; 2003-900158/82.
XX DR P-PSDB; ADD89501.
XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX PT useful for treating pericyte-associated tumors, diabetes and various bone
XX PT and/or cartilage disorders, e.g. arthritis.
XX PS Claim 2; Fig 271; 637pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor- α (TNF- α) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting the proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACCGTGGGGGAAACCCCTCCGAGAAACGACCAACAGCTGAGCTGTGCACAGAG 60
Db 1 CGGACCGTGGGGGAAACCCCTCCGAGAAACGACCAACAGCTGAGCTGTGCACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCGCGGAGGAGGAGCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGGAGGAGGAGCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
Qy 121 CGCTGCTGCTGTGACCATGCGCTTGGCGGAGGAGCTTGGGAGCGGCTTCGGCTGAGCA 180
Db 121 CGCTGCTGCTGTGACCATGCGCTTGGCGGAGGAGCTTGGGAGCGGCTTCGGCTGAGCA 180
Qy 181 TTTGACTCCGTCCTTGGGTGATACGGGCTCTTGGCAACCGGGGCTGTTCAGTTGACCTACCCC 240
Db 181 TTTGACTCCGTCCTTGGGTGATACGGGCTCTTGGCAACCGGGGCTGTTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCTTAAGGAAGAGAGTTTACGATGTGAGAGGTTGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGAGTTTACGATGTGAGAGGTTGAGAGGTTGAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGATGATGGAATTTAAATCGAATCGAATCGAATCGAATCGAAT 360
Db 301 TCAATTTGTCAGTTTGTGATGATGGAATTTAAATCGAATCGAATCGAATCGAATCGAAT 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCTTCTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCTTCTGGTTGC 420
Qy 421 CAGATTCAGTGGCATTCGCTGAACTGAGACAGAGCACTATGCTCCCTCATGCAAAA 480
Db 421 CAGATTCAGTGGCATTCGCTGAACTGAGACAGAGCACTATGCTCCCTCATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGGTCAATTCGAGTGAATGAGTCTCC 540
Db 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGGTCAATTCGAGTGAATGAGTCTCC 540
Qy 541 GCACAGGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGAGGAAATA 600
Db 541 GCACAGGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGAGGAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTTACGAAATTTGCTTATCTGCAATGAGAAATTCACAGG 720
Db 661 AATTGAGAGATCATCTCTTACGAAATTTGCTTATCTGCAATGAGAAATTCACAGG 720

661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAGCG 720
721 CACAGAAATTTCTTGAAGATGAGAGAGATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
721 CACAGAAATTTCTTGAAGATGAGAGAGATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
781 TCTGGGTGAGATTTAACTCAAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
781 TCTGGGTGAGATTTAACTCAAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
841 TGTGCAACTGTTCTACAGCTGAGAGAGATGATGCTCTCTCTCTCTCTCTCTCTCTCTCT 900
841 TGTGCAACTGTTCTACAGCTGAGAGAGATGATGCTCTCTCTCTCTCTCTCTCTCTCTCT 900
901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTCTCTCTCTCTCT 960
901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTCTCTCTCTCTCT 960
961 GTTGTAGATCTAAACTGAAGTATGATGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
961 GTTGTAGATCTAAACTGAAGTATGATGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
1021 CTCTGCTCATCTCAAAATTTAAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
1021 CTCTGCTCATCTCAAAATTTAAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
1081 AATTCACCTCTCATAGAGCTTTAAATGGTTCATGATATAGAGAGAGAGAGAGAGAG 1140
1081 AATTCACCTCTCATAGAGCTTTAAATGGTTCATGATATAGAGAGAGAGAGAGAGAG 1140
1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 176
ID ADE40784
ID ADE40784 standard; cDNA; 1174 BP.
AC ADE40784;
XX 29-JAN-2004 (first entry)
XX Human PRO polynucleotide #136.
XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumor necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX US2003199031-A1.
XX 23-OCT-2003.
XX 28-MAY-2002; 2002US-00156842.
XX 05-JUN-2000; 2000US-0209832P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900160/82.
DR P-PSDB; ADE40785.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
XX Claim 2; Fig 271; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting the uptake of
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
Qy 61 GGGACACAGATGCGGCGCGGAGGAGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGACACAGATGCGGCGCGGAGGAGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTTCCACCGGGCCTGTCAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTTCCACCGGGCCTGTCAGTTGACCTACCC 240
Qy 241 TTGCACACCTTACCTTAAAGAGAGAGAGTTGTATGCGATGTACAGAGAGTTGACGGCTGTT 300
Db 241 TTGCACACCTTACCTTAAAGAGAGAGAGTTGTATGCGATGTACAGAGAGTTGACGGCTGTT 300
Qy 301 TCAATTTGTGATTTGTGGATGATGGAATGATGATGATGATGATGATGATGATGATGATG 360
Db 301 TCAATTTGTGATTTGTGGATGATGGAATGATGATGATGATGATGATGATGATGATGATG 360

QY 361 TCTGATGATCAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCCATCTGTGTC 420
KW 361 TCTGATGATCAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCCATCTGTGTC 420
DB 361 TCTGATGATCAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCCATCTGTGTC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGCAACAACTATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGCAACAACTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACTTACTCTTTCTCTTAACCTCTGGTGAGGTCATCTGGAGTGACATGATGACTCC 540
DB 481 ATGCACTTACTCTTTCTCTTAACCTCTGGTGAGGTCATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCAATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGAAAATA 600
DB 541 GCACAGAGCTTCAATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTGGAGCAGGACCTACA 660
DB 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTTCTGAGATGAGAAAGTATGCTTCTTAAAGATGCTCTCTTAAAC 780
DB 721 CACAGGAATTTTCTGAGATGAGAAAGTATGCTTCTTAAAGATGCTCTCTTAAAC 780
QY 781 TCTGGTGATTTTAACTACACTCTTGTCTCTCGTGATGATGCTTGGATTTGT 840
DB 781 TCTGGTGATTTTAACTACACTCTTGTCTCTCGTGATGATGCTTGGATTTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGAGCAGTATGCTTCCCTCTGAGAGCTGATCTAT 900
DB 841 TGTGCAACTGTGCTACAGCTGTGAGCAGTATGCTTCCCTCTGAGAGCTGATCTAT 900
QY 901 GGTGCTGGAGTTTATGAATGAACAAAGTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGCTGGAGTTTATGAATGAACAAAGTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGTGCTATCTGAAATTAAGATTTTCTTTTAAAGACAGTGAATGACATCTAA 1080
DB 1021 CTGTGCTATCTGAAATTAAGATTTTCTTTTAAAGACAGTGAATGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174

RESULT 177

ADE04583

ID ADE04583 standard; cDNA; 1174 BP.

XX AC

XX ADE04583;

XX XX

DT 29-JAN-2004 (first entry)

XX DE

XX Human PRO polynucleotide #136.

KW Human; Gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; RFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;

inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

OS Homo sapiens.

XX US2003199034-A1.

XX 23-OCT-2003.

XX 28-MAY-2001; 2001US-00156846.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001WO-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart FA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-900163/82.
P-PSDB; ADE04584.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 2; Fig 271; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or RFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGAACCCCTTCGGAGAAAACGACAAAGCTGAGCTGCTGTGACAG 60
Db 1 CGGACCGCTGGGGAACCCCTTCGGAGAAAACGACAAAGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGAGACCAACCTGGGGCTCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGAGACCAACCTGGGGCTCCG 120
QY 121 CCGTGTGCTGTGACCAATGCGCTTTGGCGGAGGTTGCGGAGCCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTGCTGTGACCAATGCGCTTTGGCGGAGGTTGCGGAGCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGCGCTCTTGCCACCGGCGCTGTCAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGCGCTCTTGCCACCGGCGCTGTCAGTTGACCTACCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGACGCTGTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGACGCTGTT 300
QY 301 TCAATTTGTCAGTTTGGGATGATGAATGACTTAAATCGAATTAATTCGAATGGAATGAA 360
Db 301 TCAATTTGTCAGTTTGGGATGATGAATGACTTAAATCGAATTAATTCGAATGGAATGAA 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
QY 421 CAGAAATCAGTGCATCTGCTGACATGACAGCAAGCAACATTTATGCTCGTGAACAAA 480
Db 421 CAGAAATCAGTGCATCTGCTGACATGACAGCAAGCAACATTTATGCTCGTGAACAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGGTCAATCTGCGAGTGAATGACCTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGGTCAATCTGCGAGTGAATGACCTCC 540
QY 541 GCACAGAGCTTCATACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGAGCAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGAGCAGGCTTACA 660
QY 661 AATTGAGAGATCATCTCTTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGATGCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGATGCTCTCTCTTAAAC 780
QY 781 TCTGGGTGAGATTTAACTCAACTCTTGTCTCTGCTGATGATGTTGCTTTGATTTGT 840
Db 781 TCTGGGTGAGATTTAACTCAACTCTTGTCTCTGCTGATGATGTTGCTTTGATTTGT 840
QY 841 TGTGCACTGTTCTACAGTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCACTGTTCTACAGTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAGAAAGAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAGAAAGAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTTAAAGATTTTCTTTTAAAGCAAGTGTATACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTTAAAGATTTTCTTTTAAAGCAAGTGTATACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTAAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174
RESULT 178
ADCS1008
ID ADC81008 standard; cDNA; 1174 BP.
XX AC ADC81008;
XX DT 15-JAN-2004 (first entry)
XX
XX Novel human secreted and transmembrane protein PRO195 cDNA.
XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;
XX transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
XX chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
XX rectum; kidney; cervix; liver; microvascular endothelial cell;
XX glucose uptake modulator; PFA uptake modulator; cell proliferation;
XX cell differentiation; skeletal muscle cell; adipocyte cell;
XX pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
XX endothelial cell tube formation; bone disorder; cartilage disorder;
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
XX rheumatoid arthritis; haemoglobin-associated disorder; thalassemia;
XX immune system cell infiltration; chromosome mapping; gene mapping;
XX gene therapy; chromosome identification; chromosome marker; gene; ss.
OS Homo sapiens.
XX US2003092115-A1.
XX 15-MAY-2003.
XX 30-MAY-2002; 2002US-00158785.
XX 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000MO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;
XX WPI; 2004-020238/02.
XX P-PSDB; ADC81009.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
XX Claim 2; Fig 271; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint
CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polynucleotide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGGTGGGGAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGG	60
Db	1	CGGACGGTGGGGAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGG	60
Qy	61	GGGAACAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Db	61	GGGAACAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGACATAGGCTTGGCCGGAGGTTGGGGACCCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGACATAGGCTTGGCCGGAGGTTGGGGACCCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGTCTTGGGTGATAGCGCTCTTGGCCAGCGGCGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATAGCGCTCTTGGCCAGCGGCGCTGTGAGTTGACCTACCCC	240
Qy	241	TTGCACACTACCTACCTAAGGAGAGGTTGTAGCATGTGACAGAGGTTGAGGCTGTTT	300
Db	241	TTGCACACTACCTACCTAAGGAGAGGTTGTAGCATGTGACAGAGGTTGAGGCTGTTT	300
Qy	301	TCAATTTGTCAAGTTTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Db	301	TCAATTTGTCAAGTTTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Qy	361	TCTGCATGTACAGAGCATATTCCTCAATCTGTAGAGCAATATGCTTGGCAATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAGCATATTCCTCAATCTGTAGAGCAATATGCTTGGCAATCTTGGTTGC	420
Qy	421	CAGAACTAGCTGCGCATTCGCTGAACTGAGACAGCAACACTTATGCTCCCTGATGCCAAA	480
Db	421	CAGAACTAGCTGCGCATTCGCTGAACTGAGACAGCAACACTTATGCTCCCTGATGCCAAA	480
Qy	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAAGTCAATTCCTGGAGTGACATGATGACTCC	540
Db	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAAGTCAATTCCTGGAGTGACATGATGACTCC	540
Qy	541	GCACAGAGCTTCATAAGCTTCTGATGACCTTTTATCTTCAGCCGATGACCGAAATA	600
Db	541	GCACAGAGCTTCATAAGCTTCTGATGACCTTTTATCTTCAGCCGATGACCGAAATA	600
Qy	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGGAGGCGCTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGGAGGCGCTACA	660
Qy	661	AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG	720
Db	661	AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG	720

Qy	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAC	780
Qy	781	TCTGGTGGATTTTAACTACAACTCTTCTCTCTCGGTGATGGTATTCCTTGGATTGT	840
Db	781	TCTGGTGGATTTTAACTACAACTCTTCTCTCTCGGTGATGGTATTCCTTGGATTGT	840
Qy	841	TGTGCAACTGTTGTACACCTCTGGAGCAGATATGTTCCCTCTGAGAACTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGTACACCTCTGGAGCAGATATGTTCCCTCTGAGAACTGAGTATCTAT	900
Qy	901	GCTGACTTGGATTTATGAATGAACAAAGAACTAAACAGATATCCAGCTTCTCTCTGTG	960
Db	901	GCTGACTTGGATTTATGAATGAACAAAGAACTAAACAGATATCCAGCTTCTCTCTGTG	960
Qy	961	GTTGTTAGATCTTAAACTGAAAGTCAATGAAGAGCAGGCGCTCTACCTPACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTTAAACTGAAAGTCAATGAAGAGCAGGCGCTCTACCTPACAAAAGTGAAT	1020
Qy	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTATAGACATCTAA	1080
Qy	1081	AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCTTAAAGAAATCA	1140
Db	1081	AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCTTAAAGAAATCA	1140
Qy	1141	CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG	1174

RESULT 179
ADD76456
ID ADD76456 standard; cDNA; 1174 BP.
XX
AC ADD76456;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
XX
OS Homo sapiens.
XX
FN US2003100087-A1.
XX
PD 29-MAY-2003.
XX
PF 16-APR-2002; 2002US-00123912.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019337.

PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 20-APR-1999; 98WO-US008615.
PR 14-MAY-1999; 98WO-US010733.
PR 01-SEP-1999; 98WO-US012252.
PR 01-SEP-1999; 98WO-US020111.
PR 08-SEP-1999; 98WO-US020594.
PR 13-SEP-1999; 98WO-US020344.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 05-OCT-1999; 98WO-US023089.
PR 29-NOV-1999; 98WO-US028214.
PR 30-NOV-1999; 98WO-US028313.
PR 30-NOV-1999; 98WO-US028409.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 02-DEC-1999; 98WO-US028551.
PR 02-DEC-1999; 98WO-US028564.
PR 02-DEC-1999; 98WO-US028565.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030311.
PR 20-DEC-1999; 98WO-US030399.
PR 22-DEC-1999; 98WO-US030720.
PR 30-DEC-1999; 98WO-US031243.
PR 30-DEC-1999; 98WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US000365.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005941.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006684.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 11-AUG-2000; 2000WO-US020710.
PR 23-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030352.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001US-00066520.
PR 01-MAR-2001; 2001WO-US006566.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00806689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.

PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 18-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00903827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (G8TH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2004-008956/01.
PR P-PSDB; ADD76457.
XX New PRO nucleic acid, useful for recombinantly producing a PRO
PT polypeptide and for manufacturing a medicament for diagnosing or treating
PS a tumor.
XX Claim 2; Fig 271; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGGAAACCCCTCCGAGAAACAGCAAGCTGAGCTGCTGTGACAGAG 60

Db 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACACGCAACAGCTGAGCTCTCTGTGACGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTCTGTCTGTGACCATGGCTTGGCGCGGAGGAGTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGTGACCATGGCTTGGCGCGGAGGAGTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTTGGGTGATACGGCTCTTGGCACCGGSCCTGTGAGTTGACCTTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCTCTTGGCACCGGSCCTGTGAGTTGACCTTACCCC 240
Qy 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTA GCGATGTCAGAGAGTTGCGAGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTA GCGATGTCAGAGAGTTGCGAGCTGTTT 300
Qy 301 TCAATTTGTCAAGTTTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAAGTTTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATGCTTGGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATGCTTGGCATCTTGGTTGC 420
Qy 421 CAGATCAGCTGCGCATTCGCTGACTGAGACAGACCACTTATGTCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCGCATTCGCTGACTGAGACAGACCACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGTGACTCC 540
Db 481 ATGCACCTACTCTTTCCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGTGACTCC 540
Qy 541 GCACAGAGCTTCATACTCTTCAAGCAAAATGCTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATACTCTTCAAGCAAAATGCTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTCTTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTACA 660
Db 601 GTTATATTCAGTCTTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTACA 660
Qy 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTTCAAGCCGATGACGGAATAA 720
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTTCAAGCCGATGACGGAATAA 720
Qy 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTCTCGGTGATGATGCTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTCTCGGTGATGATGCTTGGATTTGT 840
Qy 841 TGTGCACTGTGTGACAGCTGTGAGCAGATGCTTCCCTCTGAGAGCTGAGTACTAT 900
Db 841 TGTGCACTGTGTGACAGCTGTGAGCAGATGCTTCCCTCTGAGAGCTGAGTACTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTTAACTGAAGATCATGAAGCAGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTTAACTGAAGATCATGAAGCAGGCTCTTACCTACAAAGTGAAT 1020
Qy 1021 CTTCCTCATCTGAATTTAAGCAATTTCTTTTAAAGACAGTGAATGACATCTAA 1080
Db 1021 CTTCCTCATCTGAATTTAAGCAATTTCTTTTAAAGACAGTGAATGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCNTGGATATAGGCTTAAAGATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCNTGGATATAGGCTTAAAGATCA 1140

Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCNTGGATATAGGCTTAAAGATCA 1140
Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
RESULT 180
ADD87820
ID ADD87820 standard; cDNA; 1174 BP.
XX
AC ADD87820;
XX
XX 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
XX
OS Homo sapiens.
XX
FN US2003092113-A1.
XX
PD 15-MAY-2003.
XX
PF 16-MAY-2002; 2002US-00147523.
XX
PR 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart FA, Tumas D, Watanabe CK, Wood WL, Zhang Z;
WPI; 2004-020237/02.
P-PSDB; ADD87821.
New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.
Claim 2; Fig 271; 637pp; English.
The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC the sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTCGACGAG 60
DB 1 CGGACCGCTGGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTCGACGAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGCCCAACTGGGCTCCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGCCCAACTGGGCTCCCG 120
QY 121 CCCTGCTGCTGCTGACCATGCGCTTGGCGCGGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCCTGCTGCTGCTGACCATGCGCTTGGCGCGGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACCGGCTCTTGGCAACCGGCGCTGTCAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACCGGCTCTTGGCAACCGGCGCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGCAAGAGAGTGTGACGATGTGAGAGGTTCGAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAGCAAGAGAGTGTGACGATGTGAGAGGTTCGAGGCTGTTT 300
QY 301 TCAATTGTGAGTTTGGATGATGAAATGACTTAAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTGTGAGTTTGGATGATGAAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCAATGACAGACATATCCCAATCTGATGAGCAATGCTTGGCATCTTGGTTGC 420
DB 361 TCTGCAATGACAGACATATCCCAATCTGATGAGCAATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAATCAGTGCATTCGCTGAATCGAGCAAGCAACATTAATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGTGCATTCGCTGAATCGAGCAAGCAACATTAATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTTACTCTGAGTGGAGTCAATCTGGAGTGACATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTTACTCTGAGTGGAGTCAATCTGGAGTGACATGAGCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAGCCGATGACGAAAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAGCCGATGACGAAAAATA 600
QY 601 GTTATATCCAGTCAAGCAAGATCCAGTACGACCACTTTCGAGCAGGAGCTACA 660
DB 601 GTTATATCCAGTCAAGCAAGATCCAGTACGACCACTTTCGAGCAGGAGCTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAGATGCTCTCTCTTAAC 780

DB 721 CACAGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATCTTCCCTGTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATCTTCCCTGTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTTGGAGTTTATCAATCAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGTG 960
DB 901 GGTGACTTTGGAGTTTATCAATCAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCTGAAGAGCAGGCGCTTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCTGAAGAGCAGGCGCTTACCTACAAAGTGAAT 1020
QY 1021 CTGTGCTCATCTGAAATTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTGTGCTCATCTGAAATTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCAITGGATATAGGCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTCAITGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 181

ADD86224

ID ADD86224 standard; cDNA; 1174 BP.

XX ADD86224;

XX 29-JAN-2004 (first entry)

XX Human PRO polynucleotide #136.

XX Human; gene, ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; hemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.

XX Homo sapiens.

XX US2003203440-A1.

XX 30-OCT-2003.

XX 29-MAY-2002; 2002US-00157798.

XX 05-JUN-2000; 2000US-0209832P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2004-021363/02.

XX P-PSDB; ADD86225.

XX

PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.

XX Claim 2; Fig 271; 637pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems. PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCTGGGGGAAACCCCTTCGAGAAACACAAACAGCTGAGCTGTGACAGAG	60
DB	1	CGGACGCTGGGGGAAACCCCTTCGAGAAACACAAACAGCTGAGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGGCCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
DB	61	GGGAACAAGATGGCGGCCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
QY	121	CGCGTGTGCTGTGACCATGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAGCA	180
DB	121	CGCGTGTGCTGTGACCATGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAGCA	180
QY	181	TTTGACTCGCTTGGGTGATACGGCTCTTGGCACCGGGCGCTGTGAGTGAACCTACCC	240
DB	181	TTTGACTCGCTTGGGTGATACGGCTCTTGGCACCGGGCGCTGTGAGTGAACCTACCC	240
QY	241	TTTGACCTACCTTAAAGAGAGAGTTGACCATGTGAGAGGTTGACGCTGTTT	300
DB	241	TTTGACCTACCTTAAAGAGAGAGTTGACCATGTGAGAGGTTGACGCTGTTT	300
QY	301	TCAATTTGTGCTTGTGGATGGAAATTCACCTTAATTCGAATTTGGAATGTGAA	360
DB	301	TCAATTTGTGCTTGTGGATGGAAATTCACCTTAATTCGAATTTGGAATGTGAA	360
QY	361	TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTGTTGC	420
DB	361	TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTGTTGC	420

QY	421	CAGATCAGCTGCAATTCGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAA	480
DB	421	CAGATCAGCTGCAATTCGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTTCCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGATGCTCC	540
DB	481	ATGCACCTACTCTTTCCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGATGCTCC	540
QY	541	GCACAGAGCTTCATAAACCCTTCATGAGCTTTTATCTTCAAGCCGATCAGCGAAATA	600
DB	541	GCACAGAGCTTCATAAACCCTTCATGAGCTTTTATCTTCAAGCCGATCAGCGAAATA	600
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA	660
DB	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA	660
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTACTCTCAATGAGAAATTCACAAGG	720
DB	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTACTCTCAATGAGAAATTCACAAGG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCCCTCTCTTAAAC	780
DB	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCCCTCTCTTAAAC	780
QY	781	TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGTGATGCTTATGCTTTGGATTTCT	840
DB	781	TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGTGATGCTTATGCTTTGGATTTCT	840
QY	841	TGTGCAACTGTGTGACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
DB	841	TGTGCAACTGTGTGACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GCTGACTTGGAGTTATGAATGAACAAAGCTTAAAGCTCTGAGAAGCTGAGTATCTAT	960
DB	901	GCTGACTTGGAGTTATGAATGAACAAAGCTTAAAGCTCTGAGAAGCTGAGTATCTAT	960
QY	961	GTTCTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACTCAAAAGTGAAT	1020
DB	961	GTTCTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACTCAAAAGTGAAT	1020
QY	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA	1080
DB	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA	1080
QY	1081	AATTCACCTCTCATAGAGCTTTTAAATGCTTCAATGATAGGCTTAAAGAAATCA	1140
DB	1081	AATTCACCTCTCATAGAGCTTTTAAATGCTTCAATGATAGGCTTAAAGAAATCA	1140
QY	1141	CTATATAATGCAATAAAGTTACTCAAACTGTG	1174
DB	1141	CTATATAATGCAATAAAGTTACTCAAACTGTG	1174

RESULT 182

AD75672
ID ADE75672 standard; cdna; 1174 BP.

XX AC ADE75672;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

QY 1141 CTATATAATGCAATAAAGTTACTCAATCTGTG 1174
 |||||
 Db 1141 CTATATAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 183

AD48663
 ID ADE48663 standard; cDNA; 1174 BP.

XX AC ADE48663;

XX 29-JAN-2004 (first entry)

XX Human cDNA encoding secreted/transmembrane protein, PRO195.

XX Human; ss; gene; secreted protein; transmembrane protein; PRO;
 KW cytostatic; ophthalmological; antiarthritis; osteopathic; antirheumatic;
 KW vulnary; auditory; tumour growth; retinal disorder;
 KW sports-related joint problem; articular cartilage defects;
 KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX Homo sapiens.

XX US2003104536-A1.

XX 05-JUN-2003.

XX 19-OCT-2001; 2001US-00166709.

XX 07-OCT-1998; 98WO-US021141.

XX 20-NOV-1998; 98WO-US024855.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

XX 14-MAY-1999; 99WO-US010733.

XX 02-JUN-1999; 99WO-US012252.

XX 30-NOV-1999; 99WO-US028313.

XX 02-DEC-1999; 99WO-US028351.

XX 02-DEC-1999; 99WO-US028565.

XX 16-DEC-1999; 99WO-US030095.

XX 30-DEC-1999; 99WO-US031243.

XX 30-DEC-1999; 99WO-US031274.

XX 05-JAN-2000; 2000WO-US000219.

XX 06-JAN-2000; 2000WO-US000277.

XX 06-JAN-2000; 2000WO-US000376.

XX 11-FEB-2000; 2000WO-US0003565.

XX 18-FEB-2000; 2000WO-US004341.

XX 24-FEB-2000; 2000WO-US0005004.

XX 02-MAR-2000; 2000WO-US0005841.

XX 10-MAR-2000; 2000WO-US0006319.

XX 21-MAR-2000; 2000WO-US007532.

XX 30-MAR-2000; 2000WO-US008439.

XX 17-MAY-2000; 2000WO-US013705.

XX 22-MAY-2000; 2000WO-US014042.

XX 30-MAY-2000; 2000WO-US014941.

XX 02-JUN-2000; 2000WO-US015264.

XX 28-JUL-2000; 2000WO-US020710.

XX 24-AUG-2000; 2000WO-US023328.

XX 01-DEC-2000; 2000WO-US032578.

PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IU, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2004-08994/01.
 DR P-PSDB; ADE48664.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or
 PT PRO337, useful in molecular biology, chromosome and gene mapping, in
 PT generating antisense RNA and DNA, and in gene therapy.

XX Claim 2; SEQ ID NO 329; 460pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
 CC transmembrane protein) having at least 80% amino acid sequence identity
 CC to an amino acid sequence chosen from 94 fully defined sequences as given
 CC in the specification (including PRO lacking its associated signal
 CC peptide, a PRO extracellular domain with or without its associated signal
 CC peptide). Also included are nucleic acids encoding the PRO proteins
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
 CC comprising the vector and producing PRO, a chimaeric molecule comprising
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for linking a
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
 CC causes death of the cell. PRO337 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
 CC useful for linking a bioactive molecule to a cell expressing PRO725,
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
 CC polypeptide is useful for modulating at least one biological activity of
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
 CC modulating the biological activity of the cell expressing PRO1559
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
 CC PRO739 polypeptide is useful for modulating the biological activity of
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
 CC sports-related joint problems, articular cartilage defects,
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
 CC mammals. The present sequence encodes a PRO protein.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACCGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG	60
Db	1	CGGACCGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG	60
Qy	61	GGGACCAAGATGCGCGCGCGAGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
Db	61	GGGACCAAGATGCGCGCGCGAGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGACCAATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGGAACCA	180
Db	121	CCGCTGCTGCTGACCAATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGGAACCA	180
Qy	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGGCTGTGAGTTGACCTACCCC	240
Qy	241	TTGCACACCTTACCCTTAAGGAAGAGGTTGTACGCAATGTTCAGAGAGGTTGCGAGGCTGTTT	300

(GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

181 TTGACTCGGTCTTGGGTGATACGGGCTTTGGCCACGGGCGCTGTCAAGTGAACCTACCCC 240
QY
241 TTGCAACCTACCTTAAGAGAGAGAGTTGACGATGTCAAGAGGTTCAGAGCTCTTT 300
Db
241 TTGCAACCTACCTTAAGAGAGAGAGTTGACGATGTCAAGAGGTTCAGAGCTCTTT 300
QY
301 TCAATTTGTGAGTTGTGGATGATGGAATGATGATTTAAATCGAATTAATGGAATGGA 360
Db
301 TCAATTTGTGAGTTGTGGATGATGGAATGATGATTTAAATCGAATTAATGGAATGGA 360
QY
361 TCTGCAATGACAGAGCATTTCCCAATCTGATGAGCAATATGTTGCTCCATCTGGTTGC 420
Db
361 TCTGCAATGACAGAGCATTTCCCAATCTGATGAGCAATATGTTGCTCCATCTGGTTGC 420
QY
421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
Db
421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
QY
481 ATGCACTACTCTTCT 540
Db
481 ATGCACTACTCTTCT 540
QY
541 GCACAGAGCTTCATACCT 600
Db
541 GCACAGAGCTTCATACCT 600
QY
601 GTTATATTCAGTCTTAAGCAGAGATTCAGTACGACCAATTTGGACGAGAGCTCTACA 660
Db
601 GTTATATTCAGTCTTAAGCAGAGATTCAGTACGACCAATTTGGACGAGAGCTCTACA 660
QY
661 AATTGAGAGATCACTCTTAAGCAAAATGCTCTATCTGCAAAATGCTCTATCTGCAAAATGCT 720
Db
661 AATTGAGAGATCACTCTTAAGCAAAATGCTCTATCTGCAAAATGCTCTATCTGCAAAATGCT 720
QY
721 CACAGAAATTTCTGAGATGAGAGAGATGAGTGTCTTTTAAAGTGTCTCTCTCTCTTAAAC 780
Db
721 CACAGAAATTTCTGAGATGAGAGAGATGAGTGTCTTTTAAAGTGTCTCTCTCTCTTAAAC 780
QY
781 TCTGGTGTGATTTTAACTCAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
Db
781 TCTGGTGTGATTTTAACTCAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
QY
841 TGTGCAACTGTGCTACAGCTGTGAGCAGATGATGTTCTCTCTCTCTCTCTCTCTCTCTCT 900
Db
841 TGTGCAACTGTGCTACAGCTGTGAGCAGATGATGTTCTCTCTCTCTCTCTCTCTCTCTCT 900
QY
901 GGTGACTTGGAGTTTATGATGACAAAGCTTAAGCAGATATCCAGATATCCAGTCTCTCTCT 960
Db
901 GGTGACTTGGAGTTTATGATGACAAAGCTTAAGCAGATATCCAGATATCCAGTCTCTCTCT 960
QY
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGAGAGGCTCTACCTACAAAGTGAAT 1020
Db
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGAGAGGCTCTACCTACAAAGTGAAT 1020
QY
1021 CTTGCTCATCTCAAAATTAAGCATTTTCTTTTAAAGCAGAGTGAATAGACATCTAA 1080
Db
1021 CTTGCTCATCTCAAAATTAAGCATTTTCTTTTAAAGCAGAGTGAATAGACATCTAA 1080
QY
1081 AATTCCACTCTCATAGAGCTTTTAAATAGTTTCTTCTGATATAGGCTTTAAGAAATCA 1140
Db
1081 AATTCCACTCTCATAGAGCTTTTAAATAGTTTCTTCTGATATAGGCTTTAAGAAATCA 1140
QY
1141 CTATAAATCAATTAAGTACTCAATCTGTG 1174
Db
1141 CTATAAATCAATTAAGTACTCAATCTGTG 1174

RESULT 185

ADE23248

ID ADE23248 standard; cDNA; 1174 BP.

XX

AC ADE23248;

XX

29-JAN-2004 (first entry)

cDNA encoding human PRO polypeptide #136.

Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
colon; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003092108-A1.

15-MAY-2003.

24-APR-2002; 2002US-00131835.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

WPI: 2004-020234/02.

P-PSDB; ADE23249.

New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.

Claim 2; Fig 271; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung, the
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems, PRO
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence encodes a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGGTGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGTGACATGCGCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGCTGTGACATGCGCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCCACCGGCGCTCTGAGTTGACTACCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCCACCGGCGCTCTGAGTTGACTACCC 240
QY 241 TTGCACACTACCTTAGAAGAGAGTTGACGCACTGTCAGAGAGTTGACAGGCTGTTT 300
DB 241 TTGCACACTACCTTAGAAGAGAGTTGACGCACTGTCAGAGAGTTGACAGGCTGTTT 300
QY 301 TCAATTTCTGAGTTTGGATGATGGAATGACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTCTGAGTTTGGATGATGGAATGACTTAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTCAGAGAGCATATTCGCAATCTGATGAGCAATATGCTGCCACTCTTGTTC 420
DB 361 TCTGATGTCAGAGAGCATATTCGCAATCTGATGAGCAATATGCTGCCACTCTTGTTC 420
QY 421 CAGAACTGAGTGGCAATTCGCTGAATGAGCAAGCAAACTTATGCTCCGTGATGCCAAA 480
DB 421 CAGAACTGAGTGGCAATTCGCTGAATGAGCAAGCAAACTTATGCTCCGTGATGCCAAA 480
QY 481 ATGCACTGATCTTCTCTCACTCTGGTGAAGTCACTTGGAGTGACATGATGACTCC 540
DB 481 ATGCACTGATCTTCTCTCACTCTGGTGAAGTCACTTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCGAAATCCAGTACCGCAACATTTGGAGCAGGACCTACA 660
DB 601 GTTATATTCAGTCTAAGCCGAAATCCAGTACCGCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGATCATCTCTAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTTGAGAGATCATCTCTAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTTCTGAGAGTGGAAAGTGAATGCTTCTGAGATCCCTCTCTCTAAC 780
DB 721 CACAGGAATTTTCTGAGAGTGGAAAGTGAATGCTTCTGAGATCCCTCTCTCTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTCTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTCTGATTTGT 840
QY 841 TGTGCAACTGTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTACTAT 900
DB 841 TGTGCAACTGTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTACTAT 900
QY 901 GGTGACTTGGAGTTTATGAAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

QY 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTCCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
DB 1021 CTTCCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCTACTCTCATAGAGCTTTTAAATGGTTCATTGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCTACTCTCATAGAGCTTTTAAATGGTTCATTGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATATAATGCAATTAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATATAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 186

ADE23800
ID ADE23800 standard; cDNA; 1174 BP.

XX ADE23800;

XX 29-JAN-2004 (first entry)

XX cDNA encoding human PRO polypeptide #136.

Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
immune system cell infiltration.

XX Homo sapiens.

XX US2003092110-A1.

XX 15-MAY-2003.

XX 03-MAY-2002; 2002US-00137864.

XX 03-MAY-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2004-020235/02.

P-PSDB; ADE23801.

New secreted and transmembrane nucleic acids and polypeptides, designated

as PRO, useful for treating inflammation, organ failure, atherosclerosis,

cardiac injury, infertility, birth defects, premature aging, AIDS, or

cancer.

Claim 2; Fig 271; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence encodes a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTCGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTCGACAGAG 60

QY 61 GGGAAACAGATGCGCGCGCGAGAGGGAGCCCTCGGGTGGAGACCCACTGGGCTCCCG 120
DB 61 GGGAAACAGATGCGCGCGCGAGAGGGAGCCCTCGGGTGGAGACCCACTGGGCTCCCG 120

QY 121 CCCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGAGCCGCTTCGGCTGGAAGCA 180
DB 121 CCCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGAGCCGCTTCGGCTGGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCTGTCAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTTACCTTAAGAGAGAGAGTTGTACGATGTCAGAGAGGTTCAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGAGAGAGAGTTGTACGATGTCAGAGAGGTTCAGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATGATCTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATGATCTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCAATGACAGACATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
DB 361 TCTGCAATGACAGACATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTTACTCTGCTGAGTCAATCTGAGTGACATGATGAGTCC 540
DB 481 ATGCACCTACTCTTCTCTTACTCTGCTGAGTCAATCTGAGTGACATGATGAGTCC 540

QY 541 GCACAGAGCTTCATACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAATAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAATAAATA 600

QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660

QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780
DB 721 CACAGAAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780

QY 781 TCTGGGTGGATTTTAACTPACAACTCTTGTCTCTCTCGTGTGATGGTATTGCTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTPACAACTCTTGTCTCTCTCGTGTGATGGTATTGCTTGGATTGT 840

QY 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTTAAACTGAAAGATCATGAAGAGCAGGGCTCTTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAAGATCATGAAGAGCAGGGCTCTTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCATCTTGAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTTGAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTGTTCATTGGATATAGCCCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTGTTCATTGGATATAGCCCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174

RESULT 187
ADE24443
ID ADE24443 standard; cDNA; 1174 BP.
XX ADE24443;
AC ADE24443;
XX
DT 29-JAN-2004 (first entry)
XX
XX cDNA encoding human PRO polypeptide #136.
DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX
PN US2003092111-A1.
XX
PD 15-MAY-2003.
XX
PF 03-MAY-2002; 2002US-00137869.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2004-020236/02.

DR P-PSDB; AD824444.

XX PT New secreted and transmembrane nucleic acid useful for treating

PT inflammation, organ failure, atherosclerosis, cardiac injury,

PT infertility, birth defects, premature aging, acquired immunodeficiency

PT syndrome, or cancer.

XX PS Claim 2; Fig 271; 637pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems. PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence encodes a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGCTGGGGAAACCTTCGAGAAACACACACACAGCTGCTGTGACAGAG 60

DB 1 CGGAGCGCTGGGGAAACCTTCGAGAAACACACACACAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGGCTCCCG 120

DB 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGGCTCCCG 120

QY 121 CGGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTGGGGACCGCTTCGGCTGAAGCA 180

DB 121 CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTGTGACTCGGCTTGGGTGATACCGGCTTGGCCACCGGGCGCTGTCAGTTGACTACCCC 240

DB 181 TTGTGACTCGGCTTGGGTGATACCGGCTTGGCCACCGGGCGCTGTCAGTTGACTACCCC 240

QY 241 TTGCACACCTACCCCTAAAGGAAGAGGAGTTGTGACGATGTGACAGAGGTTGCAGGCTGTTT 300

DB 241 TTGCACACCTACCCCTAAAGGAAGAGGAGTTGTGACGATGTGACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATGGAATGTGAA 360

DB 301 TCAATTTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TGTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATATCTTGCCATCTTGTTGTC 420

DB 361 TGTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATATCTTGCCATCTTGTTGTC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACTCAGACACAGAACCACTTATGTCCTGATGCCAAAA 480

DB 421 CAGAAATCAGCTGCCATTCGCTGAACTCAGACACAGAACCACTTATGTCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTTTCCTCTAACTCTCGTGAAGTCAATTCGGAGTGACATGATGGACTCC 540

DB 481 ATGCACCTACTCTTTTCCTCTAACTCTCGTGAAGTCAATTCGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTCTGATGACCTTTTATCTTCAAGCCGATGACGGAATAA 600

DB 541 GCACAGAGCTTCATAACCTCTCTGATGACCTTTTATCTTCAAGCCGATGACGGAATAA 600

QY 601 GTTATATTCCAGTCTAAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTACA 660

DB 601 GTTATATTCCAGTCTAAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720

DB 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780

DB 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTCTCGTGTGATGATGCTTCTTGATTTGT 840

DB 781 TCTGGTGGATTTTAACTACAACTCTTCTCGTGTGATGATGCTTCTTGATTTGT 840

QY 841 TGTGCAACTGTGTGACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900

DB 841 TGTGCAACTGTGTGACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

QY 961 GTTGTGATGATCTAAACTGAAAGTATGAAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020

DB 961 GTTGTGATGATCTAAACTGAAAGTATGAAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATATAGACATCTAA 1080

DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATATAGACATCTAA 1080

QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGCCCTTAAGAAATCA 1140

DB 1081 AATTCCACTCTCTATAGAGCTTTTAAAGTGTTCATTTGATATAGCCCTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

DB 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 188

ADD87268

ID ADD87268 standard; cDNA; 1174 BP.

XX AC ADD87268;

XX AC ADD87268;

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.

XX US2003203439-A1.

XX 30-OCT-2003.

XX 17-MAY-2002; 2002US-00147499.

XX 04-AUG-1998; 98US-0095301P.

XX 02-JUN-1999; 99WO-US012252.

XX 30-MAR-2000; 2000US-00380137.

XX 30-MAR-2000; 2000WO-US008439.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen MB, Goddard A, Godowski FJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX

XX WPI; 2004-0211362/02.

XX P-PSDB; ADD87269.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.

XX Claim 2; Fig 271; 648pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

XX

XX Query Match 100.0%; Score 1174; DB 10; Length 1174;
XX Best Local Similarity 100.0%; Pred. No. 0;
XX Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGACACAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCTTGGCGGGAGGTTTCGGGGACCGCTTCGGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGGAGGTTTCGGGGACCGCTTCGGGCTGAAGCA 180

QY 181 TTGACTCGGCTTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTCAAGTGAACCTACCCC 240
DB 181 TTGACTCGGCTTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTCAAGTGAACCTACCCC 240

QY 241 TTGCACACCTTACCCTTAAGGAAGAGGAGTTGTACGCATGTCAAGAGAGGTTCCAGCGCTGTTT 300
DB 241 TTGCACACCTTACCCTTAAGGAAGAGGAGTTGTACGCATGTCAAGAGAGGTTCCAGCGCTGTTT 300

QY 301 TCAATTTCTGTTTGGTGGATGGAATGCACTTAAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTCTGTTTGGTGGATGGAATGCACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGACATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGACATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420

QY 421 CAGAAATCAGTCCGATTCGCTGAACTGAGACAGAAACAATTATGTCCTCGATGCGCAAAA 480
DB 421 CAGAAATCAGTCCGATTCGCTGAACTGAGACAGAAACAATTATGTCCTCGATGCGCAAAA 480

QY 481 ATGCACCTTACTCTTCTTAACCTCTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTTACTCTTCTTAACCTCTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600

QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCACACCATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCACACCATTTGGAGCAGGAGCTTACA 660

QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGAAATTTCTTGAAGTGAAGGAGGCTGCTTTTAAAGTGCCTCTCTCTTTAC 780
DB 721 CACAGAAATTTCTTGAAGTGAAGGAGGCTGCTTTTAAAGTGCCTCTCTCTTTAC 780

QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

QY 841 TGTGAACCTGTTGTACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGAACCTGTTGTACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGGAATTTAGCAATTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGGAATTTAGCAATTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATATAATGCAATATAATTTACTCAATCTGTG 1174
Db 1141 CTATATAATGCAATATAATTTACTCAATCTGTG 1174
RESULT 189
ADE89134
ID ADE89134 standard; cDNA; 1174 BP.
XX
AC ADE89134;
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199062-A1.
XX
PD 23-OCT-2003.
XX
PF 17-APR-2002; 2002US-00124823.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 22-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031443.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 01-MAR-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032578.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 09-MAR-2001; 2001US-00806566.
PR 01-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00887879.
PR 21-JUN-2001; 2001WO-US019692.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

XX WPI; 2004-041360/04.

DR P-PSDB; ADE89135.

XX Novel isolated PRO polypeptide useful for treating diabetes, hyper- or

PT hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart

PT attack, various coagulation disorders, tumors.

XX PS Claim 2; SEQ ID NO 271; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems. PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polynucleotide of the invention. Note:

CC The sequence data for this patent is also available in electronic format

CC from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAAGCTGAGCTGCTGGACAG 60

DB 1 CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAAGCTGAGCTGCTGGACAG 60

QY 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

DB 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

QY 121 CCGTCTGCTGCTGACCATGGCTTGGCGGAGGTTTGGGACCGCTTCGGCTGAAGCA 180

DB 121 CCGTCTGCTGCTGACCATGGCTTGGCGGAGGTTTGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGCTTGGGTGATAGCGGTCTTGGCCACCGGCTGTGAGTTGACCTACCCC 240

DB 181 TTTGACTCGCTTGGGTGATAGCGGTCTTGGCCACCGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCTGTTT 300

DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAATAAATTTGGAAATGAA 360

DB 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAATAAATTTGGAAATGAA 360

QY 361 TCTGCATGTACAGAAAGCATATTCCTCAATTCGATGAGCAATATGCTGCCATCTTGGTTGC 420

DB 361 TCTGCATGTACAGAAAGCATATTCCTCAATTCGATGAGCAATATGCTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTCGATGCCAAAA 480

DB 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTCGATGCCAAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTCGTGAAGTCAATTCGGAGTGACATGATGGACTCC 540

DB 481 ATGCACCTACTCTTCTCTAACTCTCGTGAAGTCAATTCGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAATA 600

DB 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAATA 600

QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCACACATTTTGGAGAGGACCTTACA 660

DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCACACATTTTGGAGAGGACCTTACA 660

QY 661 AATTTGAGGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720

DB 661 AATTTGAGGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTAAAGATGCTCTCTCTTTAAC 780

DB 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTAAAGATGCTCTCTCTTTAAC 780

QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGCTTATGCTTGGATTTGT 840

DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGCTTATGCTTGGATTTGT 840

QY 841 TGTGCAACTGTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

DB 841 TGTGCAACTGTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

QY 961 GTTGTGTAGATCTAAACTGAAGATCATGAAGACAGAGGCTCTACCTACAAAGTCAAT 1020

DB 961 GTTGTGTAGATCTAAACTGAAGATCATGAAGACAGAGGCTCTACCTACAAAGTCAAT 1020

QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

DB 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140

DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174

DB 1141 CTATAAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174

RESULT 190

ADE18273

ID ADE18273 standard; cDNA; 1174 BP.

XX ADE18273;

XX AC ADE18273;

XX AC ADE18273;

DT 29-JAN-2004 (first entry)

XX DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX US2003194794-A1.
PN
XX
XX
PD 16-OCT-2003.
XX
XX
PF 17-APR-2002; 2002US-00125805.
XX
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US023292.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 98WO-US008615.
PR 14-MAY-1999; 98WO-US010733.
PR 02-JUN-1999; 98WO-US012252.
PR 01-SEP-1999; 98WO-US020111.
PR 08-SEP-1999; 98WO-US020594.
PR 13-SEP-1999; 98WO-US020944.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 05-OCT-1999; 98WO-US023089.
PR 23-NOV-1999; 98WO-US028214.
PR 30-NOV-1999; 98WO-US028313.
PR 30-NOV-1999; 98WO-US028409.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 02-DEC-1999; 98WO-US028551.
PR 02-DEC-1999; 98WO-US028564.
PR 02-DEC-1999; 98WO-US028565.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030911.
PR 20-DEC-1999; 98WO-US030999.
PR 22-DEC-1999; 98WO-US030720.
PR 30-DEC-1999; 98WO-US031243.
PR 30-DEC-1999; 98WO-US031274.
PR 03-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005061.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00898827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2004-021079/02.
XX P-PSDB; ADE18274.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PRO4978, for use in molecular biology, chromosome and gene mapping, in
generating antisense RNA and DNA, and in gene therapy.
XX
XX Claim 2; SEQ ID NO 271; 638pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also

1	CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTCTGTGACAGAG	60
1	CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTCTGTGACAGAG	60
61	GGGAAACAAGATGGCGGCGCCGAAGGGGAGCGCTCTGGGTGAGGACCCAACTGGGGGCTCCCG	120
61	GGGAAACAAGATGGCGGCGCCGAAGGGGAGCGCTCTGGGTGAGGACCCAACTGGGGGCTCCCG	120
121	CGCGTCTGCTGTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
121	CGCGTCTGCTGTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
181	TTTGATCTCGGTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCCCTGTGAGTTGACCTTACCCC	240
181	TTTGATCTCGGTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCCCTGTGAGTTGACCTTACCCC	240
241	TTTGACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCGTGT	300
241	TTTGACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCGTGT	300
301	TCAAATTTGTTCAGTTTGTGGATGTGAATTTGA	360
301	TCAAATTTGTTCAGTTTGTGGATGTGAATTTGA	360
361	CTGTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC	420
361	CTGTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC	420
421	CAGAAATCAGCTGCCATTGCGTGAATCAGACAGAGACAACTTATGTCCCTGATGCCAAA	480
421	CAGAAATCAGCTGCCATTGCGTGAATCAGACAGAGACAACTTATGTCCCTGATGCCAAA	480
481	ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCATTCTTGGAGTGACATGATGACCTCC	540
481	ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCATTCTTGGAGTGACATGATGACCTCC	540
541	GCACAGGCTCTAAACCTCTCATGACCTTTTATCTTCAAGCCGATCAGCGGAAATA	600
541	GCACAGGCTCTTAACCTCTTCAATGACCTTTTATCTTCAAGCCGATCAGCGGAAATA	600
601	GTTATATCCAGCTTAAGCCGAAATCCGATGACCACTTGGACAGGAGCTTACA	660
601	GTTATATCCAGCTTAAGCCGAAATCCGATGACCACTTGGACAGGAGCTTACA	660

PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022891.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020311.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021347.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028334.
PR 02-DEC-1999; 99WO-US028351.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US000377.
PR 18-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US007949.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001WO-US006706.
PR 14-MAR-2001; 2001WO-US008689.
PR 22-MAR-2001; 2001WO-US008689.
PR 05-APR-2001; 2001WO-US008689.
PR 10-MAY-2001; 2001WO-US00854208.
PR 10-MAY-2001; 2001WO-US00854280.
PR 18-MAY-2001; 2001WO-US00860216.
PR 25-MAY-2001; 2001WO-US00866028.
PR 25-MAY-2001; 2001WO-US00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001WO-US00874503.
PR 19-JUN-2001; 2001WO-US0082636.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001WO-US0087879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001WO-US0098827.
PR 06-AUG-2001; 2001WO-US00924419.
PR 09-AUG-2001; 2001WO-US00927796.
PR 16-AUG-2001; 2001WO-US00931836.
PR 19-DEC-2001; 2001WO-US0028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2004-041356/04.
DR P-PSDB; ADE88583.
XX
PT Novel secreted and transmembrane polypeptides, PRO useful for treating
PT bone disorders, arthritis, heart attack, injuries, tumors, and
PT stimulating release of TNF-alpha from human blood.
XX
PS Claim 2; SEQ ID NO 271; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

	Matches	1174;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	CGGACGGCTGGGGAAACCCTTCGAGAAAAACAGCAACAAGCTGAGTGTGTGACAGAG	60							
Db	1	CGGACGGCTGGGGAAACCCTTCGAGAAAAACAGCAACAAGCTGAGTGTGTGACAGAG	60							
QY	61	GGGAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACCTGGGGCTCCCG	120							
Db	61	GGGAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACCTGGGGCTCCCG	120							
QY	121	C CGCTGTGCTGTGCATCATGGGCTTTGGCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA	180							
Db	121	C CGCTGTGCTGTGCATCATGGGCTTTGGCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA	180							
QY	181	TTTGACTCGGCTTTGGGTGATACGGGCTCTTTGCCACCGGGCCCTGTCACTTGCATTACCCC	240							
Db	181	TTTGACTCGGCTTTGGGTGATACGGGCTCTTTGCCACCGGGCCCTGTCACTTGCATTACCCC	240							
QY	241	TTGCACACCTACCTTAAGAAGAGGAGTTGTACGCATGTACAGAGAGTTTGCAGGCTGTTT	300							
Db	241	TTGCACACCTACCTTAAGAAGAGGAGTTGTACGCATGTACAGAGAGTTTGCAGGCTGTTT	300							
QY	301	TCAAATTTGTCAGTTTGTGGATGATGGAATTCATTAAATCGAATCTAAATTCGAAATGTGAA	360							
Db	301	TCAAATTTGTCAGTTTGTGGATGATGGAATTCATTAAATCGAATCTAAATTCGAAATGTGAA	360							
QY	361	TTGTGATGTACAGAAGCATATTTCCAAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC	420							
Db	361	TTGTGATGTACAGAAGCATATTTCCAAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC	420							
QY	421	CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTTATGTCTCCTGATGCCAAAA	480							
Db	421	CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTTATGTCTCCTGATGCCAAAA	480							
QY	481	ATGCACCTACTCTTTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGAATGATGAGATCC	540							
Db	481	ATGCACCTACTCTTTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGAATGATGAGATCC	540							
QY	541	GCACAGAGCTTCATAAACCTCTTCATGTGACTTTTTATCTTTCAAGCCGATGACGGAAAAATA	600							
Db	541	GCACAGAGCTTCATAAACCTCTTCATGTGACTTTTTATCTTTCAAGCCGATGACGGAAAAATA	600							
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTAGCACCAANTTTGGACAGGAGCCTACA	660							
Db	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTAGCACCAANTTTGGACAGGAGCCTACA	660							
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAAATTCACAAGCG	720							
Db	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAAATTCACAAGCG	720							
QY	721	CACAGGAATTTCTGAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC	780							
Db	721	CACAGGAATTTCTGAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC	780							
QY	781	CTGGGTGGATTTAACTPACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT	840							
Db	781	CTGGGTGGATTTTAACTPACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT	840							
QY	841	TGTGCACACTGTTGCTACAGCTCTGGACGATGTGTTCCCTCTCTGAGAACTGAGTATCTAT	900							
Db	841	TGTGCACACTGTTGCTACAGCTCTGGACGATGTGTTCCCTCTCTGAGAACTGAGTATCTAT	900							
QY	901	GGTGACTTGGATTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTCTTCTCTTGTG	960							
Db	901	GGTGACTTGGATTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTCTTCTCTTGTG	960							
QY	961	GTTGTTAGATCTAAAACTGAGNCTATGAGAGACGGGCTCTACCTPACAAAAGTGAAT	1020							
Db	961	GTTGTTAGATCTAAAACTGAGNCTATGAGAGACGGGCTCTACCTPACAAAAGTGAAT	1020							
QY	1021	CTTGTCTCATCTTGAAATTTAAGCATTTTTTCTTTTAAAGHCAAGTGTAATAGACATCTAA	1080							
Db	1021	CTTGTCTCATCTTGAAATTTAAGCATTTTTTCTTTTAAAGHCAAGTGTAATAGACATCTAA	1080							

Qy	1081	AAATTCACCTCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA	1144
Db	1081	AAATTCACCTCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA	1144
Qy	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174
RESULT 192			
ADE89764			
ID	ADE89764 standard; cDNA; 1174 BP.		
AC	ADE89764;		
XX			
XX	29-JAN-2004 (first entry)		
DE	Human cDNA encoding secreted/transmembrane protein, PRO195.		
XX			
XX	Human; ss; gene; secreted protein; transmembrane protein; PRO;		
KW	cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;		
KW	vulnary; auditory; tumour growth; retinal disorder;		
KW	sports-related joint problem; articular cartilage defects;		
KW	osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.		
XX			
OS	Homo sapiens.		
XX			
FN	US2003130181-A1.		
XX			
PD	10-JUL-2003.		
XX			
FF	16-OCT-2001; 2001US-00978375.		
XX			
PR	17-OCT-1997; 97US-0062250P.		
PR	03-NOV-1997; 97US-0064249P.		
PR	13-NOV-1997; 97US-0065311P.		
PR	21-NOV-1997; 97US-0066364P.		
PR	10-MAR-1998; 98US-0077450P.		
PR	11-MAR-1998; 98US-0077632P.		
PR	11-MAR-1998; 98US-0077641P.		
PR	11-MAR-1998; 98US-0077791P.		
PR	12-MAR-1998; 98US-0077649P.		
PR	13-MAR-1998; 98US-0078004P.		
PR	20-MAR-1998; 98US-0078886P.		
PR	20-MAR-1998; 98US-0078910P.		
PR	20-MAR-1998; 98US-0078936P.		
PR	20-MAR-1998; 98US-0078939P.		
PR	25-MAR-1998; 98US-0079294P.		
PR	26-MAR-1998; 98US-0079565P.		
PR	27-MAR-1998; 98US-0079663P.		
PR	27-MAR-1998; 98US-0079664P.		
PR	27-MAR-1998; 98US-0079689P.		
PR	27-MAR-1998; 98US-0079728P.		
PR	27-MAR-1998; 98US-0079786P.		
PR	30-MAR-1998; 98US-0079920P.		
PR	30-MAR-1998; 98US-0079923P.		
PR	31-MAR-1998; 98US-0080105P.		
PR	31-MAR-1998; 98US-0080107P.		
PR	31-MAR-1998; 98US-0080165P.		
PR	31-MAR-1998; 98US-0080194P.		
PR	01-APR-1998; 98US-0080327P.		
PR	01-APR-1998; 98US-0080328P.		
PR	01-APR-1998; 98US-0080333P.		
PR	01-APR-1998; 98US-0080334P.		
PR	08-APR-1998; 98US-0081049P.		
PR	08-APR-1998; 98US-0081070P.		
PR	09-APR-1998; 98US-0081195P.		
PR	09-APR-1998; 98US-0081203P.		
PR	09-APR-1998; 98US-0081229P.		
PR	15-APR-1998; 98US-0081817P.		
PR	15-APR-1998; 98US-0081819P.		

PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 22-APR-1998; 98US-0082796P.
PR 23-APR-1998; 98US-0083336P.
PR 27-APR-1998; 98US-0083322P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084418P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-008580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 20-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 03-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
PR 21-APR-1999; 98US-0130232P.
PR 26-APR-1999; 98US-0130222P.
PR 28-APR-1999; 98US-0131445P.
PR 14-MAY-1999; 98US-0134287P.
PR 14-MAY-1999; 98WO-US010733.
PR 02-JUN-1999; 98WO-US012252.
PR 16-JUN-1999; 98US-0139557P.

PR 23-JUN-1999; 98US-0141037P.
PR 07-JUL-1999; 98US-0142680P.
PR 26-JUL-1999; 98US-0145698P.
PR 28-JUL-1999; 98US-0146222P.
PR 29-OCT-1999; 98US-0162506P.
PR 30-NOV-1999; 98WO-US028313.
PR 02-DEC-1999; 98WO-US028851.
PR 02-DEC-1999; 98WO-US028555.
PR 16-DEC-1999; 98WO-US030095.
PR 30-DEC-1999; 98WO-US031243.
PR 30-DEC-1999; 98WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 02-JUN-2000; 2000WO-US015284.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 23-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOM/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODO/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLMAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANI/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUNA/) TUNAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGCTGTGACAGAG 60
|||||

Db 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACAGACACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCGGAGAGGAGCCTCTGGGTGAGGACCAACATGGGGCTCCG 120
Db 61 GGGAAACAAGATGGCGCGCGGAGAGGAGCCTCTGGGTGAGGACCAACATGGGGCTCCG 120
Qy 121 CCGCTGCTGCTGCTGACATGGCTTCGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCA 180
Db 121 CCGCTGCTGCTGCTGACATGGCTTCGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCA 180
Qy 181 TTTGACTCGGTTCGGTGTATCGGCGTCTTGCCACCGGCTCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTTCGGTGTATCGGCGTCTTGCCACCGGCTCTGTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTTACCTTAAGGAGGAGTCTGATGCGATGTCAGAGGTTTCGAGGCTGTT 300
Db 241 TTGCACACCTTACCTTAAGGAGGAGTCTGATGCGATGTCAGAGGTTTCGAGGCTGTT 300
Qy 301 TCAATTTGTGAGTTTGGATGATGGAATGATCTTAATGCACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGGATGATGGAATGATCTTAATGCACTAAATGGAATGTGAA 360
Qy 361 TCTGATGTCAGAGCATATCCCATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGATGTCAGAGCATATCCCATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Qy 421 CAGAACTCAGCTGCCATTCGCTGAATCAGACAAAGAACTTATGTCCTGATGCAAAA 480
Db 421 CAGAACTCAGCTGCCATTCGCTGAATCAGACAAAGAACTTATGTCCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTTAACTCTGCTGAGTCAATCTGGAGTCAATCTGGAGTCAATCTGGAGTCA 540
Db 481 ATGCACCTACTCTTCTTAACTCTGCTGAGTCAATCTGGAGTCAATCTGGAGTCAATCTGGAGTCA 540
Qy 541 GCACAGAGCTTCAAACTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCAAACTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTCAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGGCTTACA 660
Db 601 GTTATATTCAGTCAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGGCTTACA 660
Qy 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGG 720
Db 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGG 720
Qy 721 CACAGGAATTTCTTGAAGTGGAGAAAGTATGGCTTTTAAAGTCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGTGGAGAAAGTATGGCTTTTAAAGTCCCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTTGTCTCTCGTGTGATGTTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTTGTCTCTCGTGTGATGTTGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGATTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGATTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAAATGAGATCATGAAGAGAGGAGGCTCTTACCTCAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAATGAGATCATGAAGAGAGGAGGCTCTTACCTCAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140

Qy 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 193

AAK94533
ID AAK94533 standard; cDNA; 1634 BP.
XX AAK94533;
AC AC
XX AC
DT 06-NOV-2001 (first entry)
XX Human full-length cDNA, SEQ ID NO: 3411.
DE Human; full length cDNA; cDNA synthesis; oligo-capping; ss.
XX Homo sapiens.
OS OS
XX EPI130094-A2.
FN FN
XX
PD 05-SEP-2001.
XX
XX 07-JUL-2000; 2000EP-00114089.
XX
PR 08-JUL-1999; 99JP-00194486.
PR 11-JAN-2000; 2000JP-00118774.
PR 02-MAY-2000; 2000JP-00183765.
XX
XX (HELI-) HELIX RES INST.
FA
XX
XX Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
XX
XX WPI: 2001-524255/58.
XX P-PSDB; AAM93600.

830 Primers useful for synthesizing full length cDNA clones and their use in genetic manipulation.

Claim 8; SEQ ID NO 3411; 1380pp + Sequence Listing; English.

The invention relates to primers for synthesizing full length cDNA clones. 830 cDNA molecules encoding a human protein have been isolated and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have been determined. Primers for synthesizing the full length cDNA are useful for clarifying the function of the protein encoded by the cDNA. The full length clones were obtained by construction of full length enriched cDNA libraries that were synthesised by the oligo-capping method. The primers enable the production of the full length cDNA easily without any special methods. The present sequence is a full length human cDNA of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in CD-ROM format directly from EPO

Sequence 1634 BP; 444 A; 319 C; 390 G; 481 T; 0 U; 0 Other;

Query Match 99.1%; Score 1163.8; DB 4; Length 1634;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 GTGGGGAAACCCCTTCGAGAAACAGACAAAGCTGAGCTGCTGACAGAGGGAACA 67
Db 129 GAGAGGAAACCCCTTCGAGAAACAGACAAAGCTGAGCTGCTGACAGAGGGAACA 188
Qy 68 AGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGACCCAACTGGGGCTCCCGCGCTGC 127
Db 189 AGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGACCCAACTGGGGCTCCCGCGCTGC 248
Qy 128 TGCTGCTGACCAATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCATTTGACT 187
Db 249 TGCTGCTGACCAATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCATTTGACT 308

QY 188 CGGTCTTGGGTGATACGGGCTCTTGCCACCGGCTGTGCTGAGTTGACCTTACCCCTTGACACA 247
Db 309 CGGTCTTGGGTGATACGGGCTCTTGCCACCGGCTGTGCTGAGTTGACCTTACCCCTTGACACA 368
QY 248 CCTACCTTAAGGAGGAGTGTAGCGATGTACAGAGGTGTCAGGCTGTTTCAATTT 307
Db 369 CCTACCTTAAGGAGGAGTGTAGCGATGTACAGAGGTGTCAGGCTGTTTCAATTT 428
QY 308 GTCAGTTTGTGATGATGAATTTGACTTAATTCGAATTAATTTGAATTCGAATTCGAT 367
Db 429 GTCAGTTTGTGATGATGAATTTGACTTAATTCGAATTAATTTGAATTCGAATTCGAT 488
QY 368 GTACAGAGCAATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCGAATC 427
Db 489 GTACAGAGCAATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCGAATC 548
QY 428 AGCTGCCATTCGCTGAACCTGAGCAAGAACCACTTATGCTCCCTGATGCCAAAATGCACC 487
Db 549 AGCTGCCATTCGCTGAACCTGAGCAAGAACCACTTATGCTCCCTGATGCCAAAATGCACC 608
QY 488 TACTCTTCTTAACTCTGCTGAGTGTCTATCTGAGTGTGATGATGACTCCGACACAGA 547
Db 609 TACTCTTCTTAACTCTGCTGAGTGTCTATCTGAGTGTGATGATGACTCCGACACAGA 668
QY 548 GCTTCAATACCTCTTCAATGACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 607
Db 669 GCTTCAATACCTCTTCAATGACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 728
QY 608 TCCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGCTTCAAAATTTGA 667
Db 729 TCCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGCTTCAAAATTTGA 788
QY 668 GAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 727
Db 789 GAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 848
QY 728 ATTCTTGAAGTGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTTAACTCTGGGT 787
Db 849 ATTCTTGAAGTGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTTAACTCTGGGT 908
QY 788 GGATTTTAACTACACTTTGCTCTCGGTGATGCTTGGATTTGGATTTGCTGCA 847
Db 909 GGATTTTAACTACACTTTGCTCTCGGTGATGCTTGGATTTGGATTTGCTGCA 968
QY 848 CTGTTGCTACAGCTGTGGACAGTATGTTCCCTCTCGAGAGCTGATCTATGCTGACT 907
Db 969 CTGTTGCTACAGCTGTGGACAGTATGTTCCCTCTCGAGAGCTGATCTATGCTGACT 1028
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTTGTGTTGTTA 967
Db 1029 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTTGTGTTGTTA 1088
QY 968 GATCTAAACTGAAGATCATGAAGACGAGGCTCTTACCTACAAAGTGAATCTTGCTC 1027
Db 1089 GATCTAAACTGAAGATCATGAAGACGAGGCTCTTACCTACAAAGTGAATCTTGCTC 1148
QY 1028 ATTCTGAAATTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAAATTTCA 1087
Db 1149 ATTCTGAAATTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAAATTTCA 1208
QY 1088 CTCCTCATAGAGCTTTTAAATGTTTCTTATGATATAGCCCTTAAAGAAATCACTATAA 1147
Db 1209 CTCCTCATAGAGCTTTTAAATGTTTCTTATGATATAGCCCTTAAAGAAATCACTATAA 1268
QY 1148 ATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1269 ATGCAAAATAAGTTACTCAAAATCTGTG 1295

RESULT 194
ADC37344
ID ADC37344 standard; DNA; 1696 BP.

XX ADC37344;
XX AC
XX DT 18-DEC-2003 (first entry)
XX XX
XX Nuclear factor kappa B (NF-kappaB) activating gene, SEQ ID 177.
XX XX
XX Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;
XX KW cancer; infectious disease; bone disease; AIDS;
XX KW neurodegenerative disease; ischaemic disorder; Anti-inflammatory;
XX KW Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;
XX KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human; gene; ds.
XX OS Homo sapiens.
XX XX
XX PN WO2003048202-A2.
XX XX
XX PD 12-JUN-2003.
XX XX
XX PF 03-DEC-2002; 2002WO-JP012644.
XX XX
XX PR 03-DEC-2001; 2001JP-00368692.
XX PR 05-DEC-2001; 2001US-0335829P.
XX PR 03-OCT-2002; 2002JP-00291302.
XX PR 04-OCT-2002; 2002US-0415769P.
XX XX
XX PA (ASAH) ASAH KASEI KK.
XX XX
XX PI Matsuda A, Muramatsu S;
XX XX
XX DR WPI; 2003-505282/47.
XX DR P-PSDB; ADC37345.
XX XX
XX PT New purified protein that activates nuclear factor kappa B (NF-kappaB),
XX PT useful for treating inflammation, autoimmune diseases, cancers,
XX PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or
XX PT ischemic disorders.
XX XX
XX PS Claim 4; SEQ ID NO 177; 938pp; English.
XX XX
XX CC The present invention relates to novel proteins and their coding
XX CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-
XX CC kappaB). The proteins and their coding sequences are useful for treating
XX CC a disease associated with NF-kappaB activation, such as inflammation,
XX CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,
XX CC neurodegenerative diseases, or ischaemic disorders.
XX SQ Sequence 1696 BP; 455 A; 342 C; 405 G; 494 T; 0 U; 0 Other;
Query Match 99.1%; Score 1163.8; DB 9; Length 1696;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 8 GTGGGGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAGGGAACA 67
Db 189 GAGGAGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAGGGAACA 248
QY 68 AGATGGCGGCGCGAAGGGAGCCCTCTGGTGTAGACCAAGCTGGGCTCCGGCGCTGC 127
Db 249 AGATGGCGGCGCGAAGGGAGCCCTCTGGTGTAGACCAAGCTGGGCTCCGGCGCTGC 308
QY 128 TGCTGTGACCAATGGGCTTTGGCGGAGGTTCCGGACCGCTTCGGCTGAAGCAATTTGACT 187
Db 309 TGCTGTGACCAATGGGCTTTGGCGGAGGTTCCGGACCGCTTCGGCTGAAGCAATTTGACT 368
QY 188 CGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCTGTGACCTTACCCCTTGACACA 247
Db 369 CGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCTGTGACCTTACCCCTTGACACA 428
QY 248 CCTACCTTAAGGAGGAGTGTAGCATGTGACAGAGTTGAGGCTGTTTCAATTT 307
Db 429 CCTACCTTAAGGAGGAGTGTAGCATGTGACAGAGTTGAGGCTGTTTCAATTT 488

QY 308 GTCAAGTTTGGATGATGGAATTCACCTTAATCGAACTAAATTTGGAATCTGATCTGCAT 367
Db 489 GTCAAGTTTGGATGATGGAATTCACCTTAATCGAACTAAATTTGGAATCTGATCTGCAT 548
QY 368 GTACAGAGCATATTCCTCACTCTGATGAGCAATATGCTTGCCTATCTTGTCCAGAAATC 427
Db 549 GTACAGAGCATATTCCTCACTCTGATGAGCAATATGCTTGCCTATCTTGTCCAGAAATC 608
QY 428 AGCTGCCATTCGCTGAATGAGCAAGCAAACTATGCTCCCTGAGCCCAAAATGCAAC 487
Db 609 AGCTGCCATTCGCTGAATGAGCAAGCAAACTATGCTCCCTGAGCCCAAAATGCAAC 668
QY 488 TACTCTTTTCTCTAATCTGCTGAGTCAATTCGAGTGAATGATGAGTCAATGCTCCAGCA 547
Db 669 TACTCTTTTCTCTAATCTGCTGAGTCAATTCGAGTGAATGATGAGTCAATGCTCCAGCA 728
QY 548 GCTTCATACCTCTCTGAGCAATTTTATCTTCAAGCCGATGAGCAAAATAGTATAT 607
Db 729 GCTTCATACCTCTCTGAGCAATTTTATCTTCAAGCCGATGAGCAAAATAGTATAT 788
QY 608 TCCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGAGCTTACAAATTTGA 667
Db 789 TCCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGAGCTTACAAATTTGA 848
QY 668 GAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 727
Db 849 GAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 908
QY 728 ATTCTCTGAGAGTGAAGAAATGATGCTCTTTTAAAGATGCTCTCTTAACTCTGGGT 787
Db 909 ATTCTCTGAGAGTGAAGAAATGATGCTCTTTTAAAGATGCTCTCTTAACTCTGGGT 968
QY 788 GATCTTAACTCAACTCTGCTCTGCTGCTGATGATGATGCTTGGATTTGTGCA 847
Db 969 GATCTTAACTCAACTCTGCTCTGCTGCTGATGATGATGCTTGGATTTGTGCA 1028
QY 848 CTGTTGCTACAGCTGTGAGCAGATGCTTCTCTGAGAGCTGAGTATCTATGCTGACT 907
Db 1029 CTGTTGCTACAGCTGTGAGCAGATGCTTCTCTGAGAGCTGAGTATCTATGCTGACT 1088
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTGGTTGTTA 967
Db 1089 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTGGTTGTTA 1148
QY 968 GATCTTAACTCAACTCAAGAGCAGGCGCTCTACCTACAAAGTGAATCTTGTCTC 1027
Db 1149 GATCTTAACTCAACTCAAGAGCAGGCGCTCTACCTACAAAGTGAATCTTGTCTC 1208
QY 1028 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGAATGATGATGATGATGATGAT 1087
Db 1209 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGAATGATGATGATGATGATGAT 1268
QY 1088 CTCCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCACTATAA 1147
Db 1269 CTCCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCACTATAA 1328
QY 1148 ATGCAAAATAAGATTACTCAAAATCTGTG 1174
Db 1329 ATGCAAAATAAGATTACTCAAAATCTGTG 1355

RESULT 195

AAZ56760

ID AAZ56760 standard; cDNA; 1704 BP.

XX

AC

XX

DT

XX 23-MAR-2000 (first entry)

DE

XX Human transmembrane protein HTPN-63 encoding cDNA.

XX

KW Human; transmembrane protein; HTPN; diagnosis; immunospecific;

KW antiproliferative; neuroprotective; immune disorder;

KW reproductive disorder; smooth muscle disorder; neurological disorder;
KW gastrointestinal disorder; developmental disorder;
KW cell proliferative disorder; ss.

XX Homo sapiens.

XX OS

XX FN MO9961471-A2.

XX XX

PD 02-DEC-1999.

XX XX

PF 28-MAY-1999; 99MO-US011904.

XX XX

PR 29-MAY-1998; 98US-0087260P.

PR 02-JUL-1998; 98US-0091674P.

PR 02-OCT-1998; 98US-0102954P.

PR 24-NOV-1998; 98US-0109869P.

XX XX

PA (INCY-) INCYTE PHARM INC.

XX XX

PI Tang YT, Lal P, Hillman JL, Yue H, Guegler KJ, Corley NC;

PI Bandman O, Patterson C, Gorgone GA, Kaser MR, Baughn MR, Au-Young J;

XX XX

DR WPI; 2000-072605/06.

DR P-PSDB; AAY57939.

XX XX

XX Proteins, polynucleotides, vectors, host cells and antibodies used to

PT diagnose, treat or prevent immune, reproductive, smooth muscle,

PT neurological, gastrointestinal, developmental and cell proliferative

PT disorders.

XX XX

PS Claim 9; Page 217-218; 229pp; English.

XX XX

CC AAY56698 to AAY56776 encode AAY57877 to AAY57955 which represent human

CC transmembrane proteins designated HTPN-1 to HTPN-79, respectively. The

CC transmembrane protein have immunospecific, antiproliferative and

CC neuroprotective activities. The human transmembrane proteins,

CC polynucleotides encoding them and other compositions and methods from the

CC present invention, can be used for the diagnosis, treatment or prevention

CC of immune, reproductive, smooth muscle, neurological, gastrointestinal,

CC developmental and cell proliferative disorders. The HTPN's can be used

CC to treat or prevent disorders associated with a decreased expression or

CC activity of HTPN

XX XX

SQ Sequence 1704 BP; 466 A; 339 C; 403 G; 496 T; 0 U; 0 Other;

Query Match 99.1%; Score 1163.8; DB 3; Length 1704;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 GTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAGGGGAACA 67

Db 183 GAGGAGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAGGGGAACA 242

QY 68 AGATGGCGCGCGAGAGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCGCGCTGC 127

Db 243 AGATGGCGCGCGAGAGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCGCGCTGC 302

QY 128 TGCTGCTGACATGGCTTGGCGGAGGTTGGCGGAGCCGCTTCGGCTGAGCATTTGACT 187

Db 303 TGCTGCTGACATGGCTTGGCGGAGGTTGGCGGAGCCGCTTCGGCTGAGCATTTGACT 362

QY 188 CGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTCTGAGTTCAGTTCACCTTGGCACA 247

Db 363 CGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTCTGAGTTCAGTTCACCTTGGCACA 422

QY 248 CCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGACAGAGGTTGCGAGGCTGTTTCAATTT 307

Db 423 CCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGACAGAGGTTGCGAGGCTGTTTCAATTT 482

QY 308 GTCAAGTTTGGATGATGGAATTCACCTTAATCGAACTAAATTTGGAATCTGATCTGCAT 367

Db 483 GTCAAGTTTGGATGATGGAATTCACCTTAATCGAACTAAATTTGGAATCTGATCTGCAT 542

Qy 368 GTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGCCAGAAATC 427
Db |||||
Qy 543 GTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGCCAGAAATC 602
Db |||||
Qy 428 AGCTGCATTCGCTGACAGCAAGCAACACCTTATGCTCCCTGATGCCAAATGACCC 487
Db |||||
Qy 603 AGCTGCATTCGCTGACAGCAAGCAACACCTTATGCTCCCTGATGCCAAATGACCC 662
Db |||||
Qy 488 TACTCTTTTCTCTAATCTCTGGTGGAGCTCAATCTGGAGTGACATGATGACCTCCGACAGA 547
Db |||||
Qy 663 TACTCTTTTCTCTAATCTCTGGTGGAGCTCAATCTGGAGTGACATGATGACCTCCGACAGA 722
Db |||||
Qy 548 GCTTCATTAATCTCTCATGAGCACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 607
Db |||||
Qy 723 GCTTCATTAATCTCTCATGAGCACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 782
Db |||||
Qy 608 TCCAGTCTTAAGCCAGCAAAATCCAGTAGCCACCAATTTGGAGCAGAGCTTCAAAATTTGA 667
Db |||||
Qy 783 TCCAGTCTTAAGCCAGCAAAATCCAGTAGCCACCAATTTGGAGCAGAGCTTCAAAATTTGA 842
Db |||||
Qy 668 GAGATCACTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 727
Db |||||
Qy 843 GAGATCACTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCGCACAGA 902
Db |||||
Qy 728 ATTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCGCTCTCTTAACTCTGGGT 787
Db |||||
Qy 903 ATTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCGCTCTCTTAACTCTGGGT 962
Db |||||
Qy 788 GGAATTTTAACTACAACCTTTGCTCTCGGTGATGATGCTTTTGGATTTGTTGCAA 847
Db |||||
Qy 963 GGAATTTTAACTACAACCTTTGCTCTCGGTGATGATGCTTTTGGATTTGTTGCAA 1022
Db |||||
Qy 848 CTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGTTGACT 907
Db |||||
Qy 1023 CTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGTTGACT 1082
Db |||||
Qy 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTGGTTGTTA 967
Db |||||
Qy 1083 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTGGTTGTTA 1142
Db |||||
Qy 968 GATCTAAAGCTGAAGTATGAGAGAGCGAGGCTCTACTACAAAGTGAATCTTGTCTC 1027
Db |||||
Qy 1143 GATCTAAAGCTGAAGTATGAGAGAGCGAGGCTCTACTACAAAGTGAATCTTGTCTC 1202
Db |||||
Qy 1028 ATTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAAATTTCCA 1087
Db |||||
Qy 1203 ATTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAAATTTCCA 1262
Db |||||
Qy 1088 CTCCTCATAGAGCTTTTAAATGCTTTTCATTTGATATAGGCTTAAAGAAATCACTATAA 1147
Db |||||
Qy 1263 CTCCTCATAGAGCTTTTAAATGCTTTTCATTTGATATAGGCTTAAAGAAATCACTATAA 1322
Db |||||
Qy 1148 ATGCAATAAAGTTACTCAAAATCTGTG 1174
Db |||||
Qy 1323 ATGCAATAAAGTTACTCAAAATCTGTG 1349
Db |||||

RESULT 196
AAV59792
ID AAV59792 standard; DNA; 1695 BP.
XX
XX
AC AAV59792;
XX
DT 19-JAN-1999 (first entry)
XX
XX Human secreted protein gene 157 clone HLTD27.
XX
KW Human; secreted protein; fusion protein; gene therapy; protein therapy;
KW diagnosis; tissue; cancer; tumour; neurodegenerative disorder; leukaemia;
KW developmental abnormality; foetal deficiency; blood; allergy; renal; ds;
KW immune system; asthma; lymphocytic disease; brain; hepatic; lymphoma;
KW inflammation; ischaemic shock; Alzheimer's disease; restenosis; AIDS;
KW cognitive disorder; schizophrenia; prostate; obesity; osteoclast; thymus;

KW osteoporosis; arthritis; testis; lung; thyroiditis; thyroid; digestion;
KW endocrine; metabolism; regulation; malabsorption; gastritis; neoplasm.
OS Homo sapiens.
XX WO9839448-A2.
PN
XX
PD 11-SEP-1998.
XX
XX 06-MAR-1998; 98WO-US004493.
XX
XX 07-MAR-1997; 97US-0038621P.
XX 07-MAR-1997; 97US-0040161P.
XX 07-MAR-1997; 97US-0040162P.
XX 07-MAR-1997; 97US-0040163P.
XX 07-MAR-1997; 97US-0040333P.
XX 07-MAR-1997; 97US-0040334P.
XX 07-MAR-1997; 97US-0040336P.
XX 07-MAR-1997; 97US-0040626P.
XX 11-APR-1997; 97US-0043311P.
XX 11-APR-1997; 97US-0043312P.
XX 11-APR-1997; 97US-0043313P.
XX 11-APR-1997; 97US-0043314P.
XX 11-APR-1997; 97US-0043315P.
XX 11-APR-1997; 97US-0043568P.
XX 11-APR-1997; 97US-0043569P.
XX 11-APR-1997; 97US-0043576P.
XX 11-APR-1997; 97US-0043578P.
XX 11-APR-1997; 97US-0043580P.
XX 11-APR-1997; 97US-0043669P.
XX 11-APR-1997; 97US-0043670P.
XX 11-APR-1997; 97US-0043671P.
XX 11-APR-1997; 97US-0043672P.
XX 11-APR-1997; 97US-0043674P.
XX 23-MAY-1997; 97US-0047492P.
XX 23-MAY-1997; 97US-0047500P.
XX 23-MAY-1997; 97US-0047501P.
XX 23-MAY-1997; 97US-0047502P.
XX 23-MAY-1997; 97US-0047503P.
XX 23-MAY-1997; 97US-0047581P.
XX 23-MAY-1997; 97US-0047582P.
XX 23-MAY-1997; 97US-0047583P.
XX 23-MAY-1997; 97US-0047584P.
XX 23-MAY-1997; 97US-0047585P.
XX 23-MAY-1997; 97US-0047586P.
XX 23-MAY-1997; 97US-0047587P.
XX 23-MAY-1997; 97US-0047588P.
XX 23-MAY-1997; 97US-0047590P.
XX 23-MAY-1997; 97US-0047592P.
XX 23-MAY-1997; 97US-0047593P.
XX 23-MAY-1997; 97US-0047594P.
XX 23-MAY-1997; 97US-0047595P.
XX 23-MAY-1997; 97US-0047596P.
XX 23-MAY-1997; 97US-0047597P.
XX 23-MAY-1997; 97US-0047598P.
XX 23-MAY-1997; 97US-0047599P.
XX 23-MAY-1997; 97US-0047600P.
XX 23-MAY-1997; 97US-0047601P.
XX 23-MAY-1997; 97US-0047612P.
XX 23-MAY-1997; 97US-0047613P.
XX 23-MAY-1997; 97US-0047614P.
XX 23-MAY-1997; 97US-0047615P.
XX 23-MAY-1997; 97US-0047617P.
XX 23-MAY-1997; 97US-0047618P.
XX 23-MAY-1997; 97US-0047632P.
XX 23-MAY-1997; 97US-0047633P.
XX 06-JUN-1997; 97US-0048964P.
XX 06-JUN-1997; 97US-0048974P.
XX 13-JUN-1997; 97US-0049610P.
XX 08-JUL-1997; 97US-0051926P.
XX 16-JUL-1997; 97US-0052874P.
XX 18-AUG-1997; 97US-0055724P.

Db 1186 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAAATTCCTA 1245
QY 1088 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCACTATAAA 1147
Db 1246 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCACTATAAA 1305
QY 1148 ATGCAATAAAGTTACTCAAACTCTGTG 1174
Db 1306 ATGCAATAAAGTTACTCAAACTCTGTG 1332

RESULT 197

ABS73786

ID ABS73786 standard; cDNA; 1695 BP.

XX ABS73786;

XX DT 15-JAN-2003 (first entry)

XX DE Human cDNA #2 for novel secreted protein gene 157.

XX Human; ss; gene; secreted protein; autoimmune disease; chemotaxis;
KW rheumatoid arthritis; hyperproliferative disorder; breast neoplasm;
KW liver neoplasm cardiovascular disorder; cardiac arrest; skin aging;
KW cerebrovascular disorder; cerebral ischaemia; angiogenesis; sunburn;
KW nervous system disorders; Alzheimer's disease; infection;
KW ocular disorder; corneal infection; wound healing; tissue regeneration;
KW epithelial cell proliferation; organ transplantation; food additive;
KW preservative; nutritional.

XX OS Homo sapiens.

XX PN US6420526-B1.

XX PD 16-JUL-2002.

XX PF 08-SEP-1998; 98US-00149476.

XX PR 07-MAR-1997; 97US-0038621P.

PR 07-MAR-1997; 97US-0040161P.

PR 07-MAR-1997; 97US-0040162P.

PR 07-MAR-1997; 97US-0040163P.

PR 07-MAR-1997; 97US-0040333P.

PR 07-MAR-1997; 97US-0040334P.

PR 07-MAR-1997; 97US-0040336P.

PR 07-MAR-1997; 97US-0040626P.

PR 11-APR-1997; 97US-0043311P.

PR 11-APR-1997; 97US-0043312P.

PR 11-APR-1997; 97US-0043313P.

PR 11-APR-1997; 97US-0043314P.

PR 11-APR-1997; 97US-0043315P.

PR 11-APR-1997; 97US-0043568P.

PR 11-APR-1997; 97US-0043569P.

PR 11-APR-1997; 97US-0043576P.

PR 11-APR-1997; 97US-0043578P.

PR 11-APR-1997; 97US-0043580P.

PR 11-APR-1997; 97US-0043580P.

PR 11-APR-1997; 97US-0043670P.

PR 11-APR-1997; 97US-0043671P.

PR 11-APR-1997; 97US-0043672P.

PR 23-MAY-1997; 97US-0047492P.

PR 23-MAY-1997; 97US-0047500P.

PR 23-MAY-1997; 97US-0047501P.

PR 23-MAY-1997; 97US-0047502P.

PR 23-MAY-1997; 97US-0047503P.

PR 23-MAY-1997; 97US-0047581P.

PR 23-MAY-1997; 97US-0047582P.

PR 23-MAY-1997; 97US-0047583P.

PR 23-MAY-1997; 97US-0047584P.

PR 23-MAY-1997; 97US-0047585P.

PR 23-MAY-1997; 97US-0047586P.

PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056633P.
PR 22-AUG-1997; 97US-0056634P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 05-SEP-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 12-SEP-1997; 97US-0057761P.
PR 02-OCT-1997; 97US-0061060P.
PR 06-MAR-1998; 98WO-US004493.

(HUMA-) HUMAN GENOME SCI INC.

Ruben SM, Rosen CA, Fischer CL, Soppet DP, Carter KC;
Bednarek DR, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;
Ferrie AW, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;

Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;

WPI: 2002-634796/68.

P-PSDB; ABG95468.

XX New isolated human secreted protein for diagnosing, preventing, treating
PT or ameliorating medical conditions and used as a food additive or
PT preservative.

Example 1; SEQ ID NO 299; 129pp; English.

XX The invention relates to an isolated protein that is one of 186 human
CC secreted proteins, given in the specification, encoded by one of 309 cDNA
CC sequences also given in the specification. The protein is used in a
CC pharmaceutical composition used to prevent, treat or ameliorate a medical
CC condition in e.g. humans, mice, rabbits, goats, cats, dogs,
CC chickens or sheep. Disorders which are diagnosed or treated include
CC autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative
CC disorders e.g. neoplasms of the breast or liver, cardiovascular disorders
CC e.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia,
CC angiogenesis, nervous system disorders e.g. Alzheimer's disease,
CC infections caused by bacteria, viruses and fungi and ocular disorders
CC e.g. corneal infection. The polypeptides can also be used to aid wound
CC healing and epithelial cell proliferation, to prevent skin aging due to
CC sunburn, to maintain organs before transplantation, for supporting cell
CC culture of primary tissues, to regenerate tissues and in chemotaxis. The
CC polypeptides can also be used as a food additive or preservative to
CC increase or decrease storage capabilities, fat content, lipid, protein,
CC carbohydrate, vitamins, minerals, cofactors and other nutritional
CC components. The present sequence represents a cDNA derived from a gene
CC encoding one of the novel human secreted proteins of the invention. Note:
CC This sequence did not form part of the printed specification, but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html?DocID=642052681

XX Sequence 1695 BP; 470 A; 333 C; 397 G; 494 T; 0 U; 1 Other;

Query Match 98.1%; Score 1151.8; DB 6; Length 1695;

Best Local Similarity 99.7%; Pred. No. 0;

Matches 1164; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 8 GTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGACCA 67

DB 167 GAGGAGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGACCA 226

QY 68 AGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCGCGCGTGC 127

DB 227 AGATGGCGGCGCGAA-GGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCGCGCGTGC 285

QY 128 TGCTGCTGACCATGGCCTTCGCGGAGGTTCGGGGACCGCTTCGGCTGAGCAATTGACT 187

DB 286 TGCTGCTGACCATGGCCTTCGCGGAGGTTCGGGGACCGCTTCGGCTGAGCAATTGACT 345

QY 188 CGGTCTTGGGTGATACGGCGCTTTCGCCACCGGCGCTGTGAGTTGACCTACCCCTTGCA 247

DB 346 CGGTCTTGGGTGATACGGCGCTTTCGCCACCGGCGCTGTGAGTTGACCTACCCCTTGCA 405

QY 248 CCTACCTTAAAGAGAGAGTGTGACGATGTGAGAGGTTGACGCTGTTTCAATTT 307

DB 406 CCTACCTTAAAGAGAGAGTGTGACGATGTGAGAGGTTGACGCTGTTTCAATTT 465

QY 308 GTGAGTTTGTGGATGATGGAATTGACCTTAATCGAACTGAAATGGAATGTGAATCTGCAT 367

DB 466 GTGAGTTTGTGGATGATGGAATTGACCTTAATCGAACTGAAATGGAATGTGAATCTGCAT 525

QY 368 GTACAGAGCAATATCCCACTGATGAGCAATATGCTTGCATCTTGTTCGCAATC 427

DB 526 GTACAGAGCAATATCCCACTGATGAGCAATATGCTTGCATCTTGTTCGCAATC 585

QY 428 AGCTGCCATTCGCTGAATCGAGACAGCAACTTATGTCCCTGTAGCCAAAATGCAAC 487

DB 586 AGCTGCCATTCGCTGAATCGAGACAGCAACTTATGTCCCTGTAGCCAAAATGCAAC 645

QY 488 TACTCTTCTCTAACTCTGGTGAAGTCAATCTTGGAGTGACATGATGACTCCGACAGA 547
DB 646 TACTCTTCTCTAACTCTGGTGAAGTCAATCTTGGAGTGACATGATGACTCCGACAGA 705
QY 548 GCTTCATRAACTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATAGTTAT 607
DB 706 GCTTCATRAACTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATAGTTAT 765
QY 608 TCCAGTCTAAAGCCAGAAATCCAGTACGCAACCAATTTGGAGCAGGAGCTCAAAATTGA 667
DB 766 TCCAGTCTAAAGCCAGAAATCCAGTACGCAACCAATTTGGAGCAGGAGCTCAAAATTGA 825
QY 668 GAGATCTCTTACGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGGCGACAGGA 727
DB 826 GAGATCTCTTACGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGGCGACAGGA 885
QY 728 ATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCTCTCTTTAACTCTGGGT 787
DB 886 ATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCTCTCTTTAACTCTGGGT 945
QY 788 GATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTGGATTTTGTGCA 847
DB 946 GATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTGGATTTTGTGCA 1005
QY 848 CTCTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGCTGACT 907
DB 1006 CTCTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGCTGACT 1065
QY 908 TGGAGTTTATGAAAGAAAGCTTAAACAGATATCCAGCTTCTCTTGGTGTGTTA 967
DB 1066 TGGAGTTTATGAAAGAAAGCTTAAACAGATATCCAGCTTCTCTTGGTGTGTTA 1125
QY 968 GATCTAAAACCTGAAAGATCATGAAAGAGCAGGCGCTTACCTACAAAAGTGAATCTTGCTC 1027
DB 1126 GATCTAAAACCTGAAAGATCATGAAAGAGCAGGCGCTTACCTACAAAAGTGAATCTTGCTC 1185
QY 1028 ATTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGTATAGACATCTTAAATTTCA 1087
DB 1186 ATTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGTATAGACATCTTAAATTTCA 1245
QY 1088 CTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCTTAAAGAAATCACTATAA 1147
DB 1246 CTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCTTAAAGAAATCACTATAA 1305
QY 1148 ATGCAATAAAGTTACTCAAAATCTGTG 1174
DB 1306 ATGCAATAAAGTTACTCAAAATCTGTG 1332

RESULT 198
ACD82929
ID ACD82929 standard; cDNA; 1695 BP.
XX
AC ACD82929;
AC AC
XX XX
DT 22-SEP-2003 (first entry)
XX
cDNA sequence #289 containing coding region of a human secreted protein.
DE Human; secreted protein; hyperproliferative disorder; leukaemia;
KW breast cancer; wound; reproductive disorder; blood-related disorder;
KW haemophilia; thrombocytopaenia; immunodeficiency; thymic hypoplasia;
KW Wiskott-Aldrich syndrome; autoimmune disorder; multiple sclerosis;
KW graft-versus-host disease; Hashimoto's thyroiditis; allergy; asthma;
KW viral infection; bacterial infection; fungal infection; AIDS; sepsis;
KW renal disorder; kidney failure; cardiovascular disorder; cytostatic;
KW angina pectoris; cerebral ischaemia; congenital heart defect;
KW respiratory disorder; neurological disorder; Alzheimer's disease;
KW Parkinson's disease; inflammation; Crohn's disease; vulnerability;
KW immunosuppressive; antibacterial; haemostatic; thrombolytic;
KW anticoagulant; neuroprotective; thyromimetic; antiallergic;
KW antiaesthnetic; virucide; fungicide; anti-HIV; nephrotoxic; antiangi-
KW cerebroprotective; cardiant; nootropic; antiparkinsonian;

KW antinflammatory; gene; ss.
XX
OS Homo sapiens.
XX
PN US2003049618-A1.
XX
PD 13-MAR-2003.
XX
FF 16-MAR-2003; 2001US-00809391.
XX
XX 07-MAR-1997; 97US-0038621P.
PR 07-MAR-1997; 97US-0040162P.
PR 07-MAR-1997; 97US-0040163P.
PR 07-MAR-1997; 97US-0040333P.
PR 07-MAR-1997; 97US-0040334P.
PR 07-MAR-1997; 97US-0040335P.
PR 07-MAR-1997; 97US-0040626P.
PR 11-APR-1997; 97US-0043311P.
PR 11-APR-1997; 97US-0043312P.
PR 11-APR-1997; 97US-0043313P.
PR 11-APR-1997; 97US-0043314P.
PR 11-APR-1997; 97US-0043315P.
PR 11-APR-1997; 97US-0043568P.
PR 11-APR-1997; 97US-0043569P.
PR 11-APR-1997; 97US-0043576P.
PR 11-APR-1997; 97US-0043578P.
PR 11-APR-1997; 97US-0043580P.
PR 11-APR-1997; 97US-0043669P.
PR 11-APR-1997; 97US-0043670P.
PR 11-APR-1997; 97US-0043671P.
PR 11-APR-1997; 97US-0043672P.
PR 11-APR-1997; 97US-0043674P.
PR 23-MAY-1997; 97US-0047492P.
PR 23-MAY-1997; 97US-0047500P.
PR 23-MAY-1997; 97US-0047501P.
PR 23-MAY-1997; 97US-0047502P.
PR 23-MAY-1997; 97US-0047503P.
PR 23-MAY-1997; 97US-0047581P.
PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.

PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057659P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 09-OCT-1997; 97US-0061660P.
PR 06-MAR-1998; 98WO-US004493.
PR 08-SEP-1998; 98US-00149476.
PR 17-MAR-2000; 2000US-0190068P.
XX
XX (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D P.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIGJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERA/) FERRIE A M.
PA (DUAN/) DUAN D R.
PA (HUGJ/) HU J.
PA (FLOF/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (FISC/) FISCHER C L.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (MOOR/) MOORE P A.
PA (SHIY/) SHI Y.
PA (LAFL/) LAFLEUR D W.
PA (LIYY/) LI Y.
PA (ZENG/) ZENG Z.
PA (KYAW/) KYAW H.
XX
XX Ruben SM, Rosen CA, Soppet DR, Carter KC, Bednarik DP;
PI Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM, Ferrie AM;
PI Duan DR, Hu J, Florence KA, Olsen HS, Fischer CL, Ebner R;
PI Brewer LA, Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX
XX WPI; 2003-521800/49.
DR P-PSDB; ABO34652.

XX New genes and its encoded prostate cancer antigen proteins, useful for
PT preventing, treating, ameliorating or diagnosing e.g. prostate cancers,
PT thymic hypoplasia, multiple sclerosis, AIDS, angina pectoris or cerebral
XX ischemia.

PS Claim 4; SEQ ID NO 299; 260bp; English.

XX The present invention relates to the isolation of novel human secreted
CC proteins and the polynucleotide sequences encoding them. The invention
CC also discloses vectors, host cells, antibodies, and recombinant methods
CC for producing human secreted proteins. The polypeptide and polynucleotide
CC sequences for the secreted proteins are useful for preventing, treating,
CC ameliorating or diagnosing medical conditions such as hyperproliferative
CC disorders (e.g. leukemia or breast cancers), wounds, reproductive
CC disorders, blood-related disorders (e.g. haemophilia or
CC thrombocytopaenia), immunodeficiencies (e.g. Wiskott-Aldrich syndrome or
CC chronic hypoplasia), autoimmune disorders (e.g. graft-versus-host disease,
CC multiple sclerosis or Hashimoto's thyroiditis), allergies (e.g. asthma),
CC viral or bacterial or fungal infections (e.g. AIDS or sepsis), renal
CC disorders (e.g. kidney failure), cardiovascular disorders (e.g. angina
CC pectoris, cerebral ischaemia or congenital heart defects), respiratory
CC disorders, neurological disorders (e.g. Alzheimer's disease or
CC Parkinson's disease), and inflammations (e.g. Crohn's disease). The
CC polynucleotide or polypeptide may also be used as vaccine adjuvants.
CC ACB2641-ACB2950 encode human secreted proteins or their fragments.
CC Note: The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from the
CC USPTO web site at seqdata.uspto.gov/psipdsIdentify.html

XX Query Match 98.1%; Score 1151.8; DB 8; Length 1695;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1164; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

Qy 8 GTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 67
Db 167 GAGGAGGAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 226
Qy 68 AGATGGGGCCCGAAGGGAGCCCTCTGGGTGAGGACCCAGCTGGGGCTCCCGCGCTGC 127
Db 227 AGATGGGGCCCGAAGGGAGCCCTCTGGGTGAGGACCCAGCTGGGGCTCCCGCGCTGC 285
Qy 128 TGCTGCTGACCATCGCTTGGCGGAGCTTGGGGAGCCGCTTCGGCTGAGCAATTTGACT 187
Db 286 TGCTGCTGACCATCGCTTGGCGGAGCTTGGGGAGCCGCTTCGGCTGAGCAATTTGACT 345
Qy 188 CGGTCTGGGTGATACGGCGCTTTCGCCACCGGGCTGTGAGTTCAGTCCCTTCGACA 247
Db 346 CGGTCTGGGTGATACGGCGCTTTCGCCACCGGGCTGTGAGTTCAGTCCCTTCGACA 405
Qy 248 CCTACCTTAAGAGAGAGGTTGTACGATGTCAGAGAGTTGAGGCTGTTTCAATTT 307
Db 406 CCTACCTTAAGAGAGAGGTTGTACGATGTCAGAGAGTTGAGGCTGTTTCAATTT 465
Qy 308 GTCACTTTGTGGATGATGGAATGACTTAATTCGAACTAAATGGAAATGGAATCTGAT 367
Db 466 GTCACTTTGTGGATGATGGAATGACTTAATTCGAACTAAATGGAAATGGAATCTGAT 525
Qy 368 GTACAGAGAGCATATTCGCAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCAGATC 427
Db 526 GTACAGAGAGCATATTCGCAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCAGATC 585
Qy 428 AGCTGCCATTCGCTGAATGAGACAGAACTTATGTCCTGATGCCAAAATGCACC 487
Db 586 AGCTGCCATTCGCTGAATGAGACAGAACTTATGTCCTGATGCCAAAATGCACC 645
Qy 488 TACTCTTTCCCTAACTCTGTGGAGGTCATTTCTGAGTGACATGATGAGCTCCGCACAGA 547
Db 646 TACTCTTTCCCTAACTCTGTGGAGGTCATTTCTGAGTGACATGATGAGCTCCGCACAGA 705
Qy 548 GCTTCATAACCTCTTTCATGAGCACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 607

Db 706 GCTTCATAACCTCTTTCATGAGCACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 765
Qy 608 TCCAGTCTTAAGCCAGAAATCCAGTACGACCAACACATTTTGGAGCAGGAGCTACAAATTTGA 667
Db 766 TCCAGTCTTAAGCCAGAAATCCAGTACGACCAACACATTTTGGAGCAGGAGCTACAAATTTGA 825
Qy 668 GAGATCATCTCTTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCGCACAGGA 727
Db 826 GAGATCATCTCTTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCGCACAGGA 885
Qy 728 ATTTCCTTAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTTAACTCTGGGT 787
Db 886 ATTTCCTTAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTTAACTCTGGGT 945
Qy 788 GGAATTTAACTACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGTTGCAAA 847
Db 946 GGAATTTAACTACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGTTGCAAA 1005
Qy 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGCTGACT 907
Db 1006 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGCTGACT 1065
Qy 908 TGGAGTTTATGAATGAACAAAGAGCTAAACAGATATCCAGCTTCTTCTCTGTTGTTGTA 967
Db 1066 TGGAGTTTATGAATGAACAAAGAGCTAAACAGATATCCAGCTTCTTCTCTGTTGTTGTA 1125
Qy 968 GATCTAAACTGAAGTATCATGAGAGCAGGCGCTTACCTACAAAGTGAATCTTCTGCTC 1027
Db 1126 GATCTAAACTGAAGTATCATGAGAGCAGGCGCTTACCTACAAAGTGAATCTTCTGCTC 1185
Qy 1028 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAAATTTCCA 1087
Db 1186 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAAATTTCCA 1245
Qy 1088 CTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCAGTATATAA 1147
Db 1246 CTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCAGTATATAA 1305
Qy 1148 ATGCAATAAAGTTACTCAAACTCTGTG 1174
Db 1306 ATGCAATAAAGTTACTCAAACTCTGTG 1332

RESULT 199
AAZ90051
ID AAZ90051 standard; cdna; 1121 BP.
XX
AC AAZ90051;
XX
DT 09-MAY-2000 (first entry)
XX
DE Hydrophobic domain containing protein clone HP10349 nucleotide sequence.
KW Hydrophobic domain; clone HP10349; nutritional supplement; SCID; HIV;
KW cell proliferation; immune stimulant; immune deficiency; tumour; pain;
KW rheumatoid arthritis; insulin dependent diabetes mellitus; fertility;
KW myasthenia gravis; haematopoiesis regulator; tissue growth; depression;
KW anti-inflammatory; infection; bodily characteristic; ss.
XX
OS Homo sapiens.
XX
PN WO200000506-A2.
XX
PD 06-JAN-2000.
XX
PF 18-JUN-1999; 99WO-JP003242.
XX
PR 26-JUN-1998; 98JP-00180008.
XX
PA (SAGA) SAGAMI CHEM RES CENT.
XX (PROT-) PROTEGENE INC.

PI Kato S, Kimura T;
 XX MPI; 2000-160665/14.
 DR P-PSDB; AAY78804.
 XX
 PT Novel human proteins having hydrophobic domains used for research and
 PT diagnostic purposes.
 XX
 PS Claim 4; Page 97-99; 117pp; English.
 XX
 CC This sequence represents the hydrophobic domain containing protein, clone
 CC HP10349 nucleotide sequence region. The sequence is isolated from a human
 CC stomach cancer cell line. The invention relates to human proteins with
 CC hydrophobic domains, the DNA and the cDNA encoding them. The
 CC polynucleotides and proteins are predicted to have biological activities
 CC which make them suitable for treating, preventing or ameliorating medical
 CC conditions in humans and animals. Suggested activities include
 CC nutritional activity (nutritional source or supplement); cytokine and
 CC cell proliferation/differentiation activity; immune stimulating (e.g. as
 CC vaccines) or suppressing activity (e.g. to treat various immune
 CC deficiencies such as SCIDS or HIV, connective tissue disease, systemic
 CC lupus erythematosus, rheumatoid arthritis, autoimmune pulmonary
 CC inflammation, Guillain-Barre syndrome, autoimmune thyroiditis, insulin
 CC dependent diabetes mellitus, myasthenia gravis, graft-versus-host disease
 CC and autoimmune inflammatory eye disease, as well as asthma, allergies and
 CC organ transplantation); haematopoiesis regulating activity (e.g. in
 CC treatment of myeloid or lymphoid cell deficiencies); tissue growth
 CC activity (e.g. wound healing and tissue repair, ulcers, burns,
 CC periodontal disease); activin/inhibin activity; chemotactic/chemokinetic
 CC activity; haemostatic and thrombolytic activity (e.g. treating
 CC haemophilias); receptor/ligand activity; anti-inflammatory activity; and
 CC tumour inhibition activity. The polynucleotides are also stated to be
 CC useful for gene therapy. Other activities include inhibiting infections
 CC caused by bacteria, fungi, viruses and other parasites (e.g. Hepatitis,
 CC malaria); effecting bodily characteristics such as, e.g. weight, colour,
 CC skin, effecting biorhythms or cardiac cycles; enhancing fertility;
 CC treatment of depression; treatment of pain; hormonal or endocrine
 CC activity. The polynucleotides may also be used for recombinant expression
 CC of the protein
 XX
 SQ Sequence 1121 BP; 310 A; 236 C; 258 G; 317 T; 0 U; 0 Other;

Query Match 95.5%; Score 1121; DB 3; Length 1121;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1121; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 474 GCCAAAATGCACTACTCTTTCTCTAACTCTGGTGGAGTCACTCTGGAGTGACATGAT 533
 DB 421 GCCAAAATGCACTACTCTTTCTCTAACTCTGGTGGAGTCACTCTGGAGTGACATGAT 480
 QY 534 GGACTCCGACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTTCAAGCCGATGACGG 593
 DB 481 GGACTCCGACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTTCAAGCCGATGACGG 540
 QY 594 AAAATAGTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCGGA 653
 DB 541 AAAATAGTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCGGA 600
 QY 654 GCCTCAAAATTTGAGAGATCATCTCTAAGCAAAATCTCTATCTGCAAAATGAGAAATTC 713
 DB 601 GCCTCAAAATTTGAGAGATCATCTCTAAGCAAAATCTCTATCTGCAAAATGAGAAATTC 660
 QY 714 ACAGCGCACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCCTCTC 773
 DB 661 ACAGCGCACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCCTCTC 720
 QY 774 TCTTAACCTCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTATTGCTTTG 833
 DB 721 TCTTAACCTCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTATTGCTTTG 780
 QY 834 GATTTGTTGCAACTGTGTCTACAGCTGTGGAGCATGTGTTCCCTCTCAGAAAGCTGAG 893
 DB 781 GATTTGTTGCAACTGTGTCTACAGCTGTGGAGCATGTGTTCCCTCTCAGAAAGCTGAG 840
 QY 894 TATCTATGCTGAGTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTC 953
 DB 841 TATCTATGCTGAGTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTC 900
 QY 954 TCTTGTGTTGTAGATCTAAACCTGAAGATCATGAAGAGAGCGGCTCTACCTACAAA 1013
 DB 901 TCTTGTGTTGTAGATCTAAACCTGAAGATCATGAAGAGAGCGGCTCTACCTACAAA 960
 QY 1014 ACTGAATCTTGCTCATCTGGAATTTTAAAGTATGAGCTTTTCTTTTAAAGACAAGTGAATAGA 1073
 DB 961 AGTGAATCTTGCTCATCTGGAATTTTAAAGTATGAGCTTTTCTTTTAAAGACAAGTGAATAGA 1020
 QY 1074 CATCTAAAATCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGCCCTTAA 1133
 DB 1021 CATCTAAAATCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGCCCTTAA 1080
 QY 1134 GAAATCACTATAAATGCAATTAAGTTACTCAATCTGTG 1174
 DB 1081 GAAATCACTATAAATGCAATTAAGTTACTCAATCTGTG 1121

RESULT 200
 AAF93855
 ID AAF93855 standard; cDNA; 1457 BP.
 XX AAF93855;
 AC AC
 XX XX
 DT 23-MAY-2001 (first entry)
 XX XX
 DE Human cDNA encoding a membrane or secretory protein clone PSEC0203.
 XX XX
 KW Human; secretory protein; membrane protein; vaccine; gene therapy;
 KW rheumatoid arthritis; diabetes; ss.
 XX XX
 OS Homo sapiens.
 XX OS
 XX XX
 PN EPI067182-A2.
 XX XX
 PD 10-JAN-2001.
 XX XX
 PF 07-JUL-2000; 2000EP-00114090.
 XX XX
 PR 08-JUL-1999; 99JP-00194179.
 PR 11-JAN-2000; 2000JP-00118775.

PR 02-MAY-2000; 2000JP-00183766.

XX (HELI-) HELIX RES INST.

XX Ota T, Isozaki T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;

XX WPI; 2001-093989/11.

XX P-PSDB; AAB88428.

XX Nucleic acids encoding secretory proteins/membrane proteins, useful in
PT gene therapy or as candidate target molecules in drug development.

XX Claim 1; SEQ ID NO 223; 609pp + Sequence Listing; English.

XX This invention relates to nucleic acid sequences AAF93744 - AAF93916
CC which encode human secretory or membrane proteins represented by AAB88317
CC - AAB88419. Included in the invention are primers AAF93917 - AAF94295 and
CC AAF62232 - AAF62235 which are used to isolate the cDNA sequences of the
CC invention. The invention also includes methods for the production of
CC antibodies directed against the proteins, and cDNA sequences, which can
CC be used in vaccines. The polynucleotide sequences can be used in gene
CC therapy. The polynucleotide sequences and the proteins they encode may be
CC used in the prevention, treatment and diagnosis of diseases associated
CC with inappropriate secretory protein/membrane protein expression. The
CC nucleic acids and complementary sequences may also be used as DNA probes
CC in diagnostic assays (e.g. polymerase chain reactions (PCR)) to detect
CC and quantitate the presence of similar nucleic acid sequences in samples.
CC They may also be used to study the expression and function of secretory
CC proteins/membrane polypeptides and their role in metabolism. The
CC polypeptides may be used as antigens in the production of antibodies
CC against them and in assays to identify modulators (agonists and
CC antagonists) of expression and activity. The antibodies and antagonists
CC may also be used as therapeutic agents to down regulate expression and
CC activity. The antibodies may also be used as diagnostic agents for
CC detecting the presence of the polypeptides in samples (e.g. by enzyme
CC linked immunosorbent assay (ELISA)). Examples of diseases which may be
CC treated include rheumatoid arthritis and diabetes

SQ Sequence 1457 BP; 399 A; 284 C; 314 G; 460 T; 0 U; 0 Other;

Query Match 95.2%; Score 1118; DB 5; Length 1457;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1118; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 57 AGAGGGGAACAAGATGGCGCGCGCGAGGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCT 116
Db 1 AGAGGGGAACAAGATGGCGCGCGCGAGGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCT 60

Qy 117 CCGCCCGCTGCTGCTGACCATGGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGA 176
Db 61 CCGCCCGCTGCTGCTGACCATGGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGA 120

Qy 177 AGCATTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCTGTCACTTGACCTA 236
Db 121 AGCATTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCTGTCACTTGACCTA 180

Qy 237 CCCCTTGGACACCTTACCTTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCT 296
Db 181 CCCCTTGGACACCTTACCTTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCT 240

Qy 297 GTTTTCAATTGTCAGTTTGTGATGATGAAATTTGACTTAAATCGAACTAAATTCGAATG 356
Db 241 GTTTTCAATTGTCAGTTTGTGATGATGAAATTTGACTTAAATCGAACTAAATTCGAATG 300

Qy 357 TGAATCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGG 416
Db 301 TGAATCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGG 360

Qy 417 TTGCCAGATCAGCTGCATCTCGCTGACTGACAGCAAGAACAACTTATCTCCCTGATGCC 476
Db 361 TTGCCAGATCAGCTGCATCTCGCTGACTGACAGCAAGAACAACTTATCTCCCTGATGCC 420

Qy 477 AAAAAATGCACCTACTCTTTTCTCTAACTCTGTGTGAGGTCAATCTGTGAGTGACATGATGA 536

Db 421 AAAAAATGCACCTACTCTTTTCTCTAACTCTGTGTGAGGTCAATCTGTGAGTGACATGATGA 480
Qy 537 CTCGCGCAGAGGCTTCATAAAGCTCTTCAAGCTTTTATCTTCAAGCCGATGACGAAA 596
Db 481 CTCGCGCAGAGGCTTCATAAAGCTCTTCAAGCTTTTATCTTCAAGCCGATGACGAAA 540
Qy 597 AATAGTTATATTCAGTCTTAAGCCAGAAAATCAGTAGCCACACATTGGAGAGGAGCC 656
Db 541 AATAGTTATATTCAGTCTTAAGCCAGAAAATCAGTAGCCACACATTGGAGAGGAGCC 600
Qy 657 TACAAATTTGAGAGATCATCTTAAGCAAAATCTCTATCTGCAAAATGAGAAATTCACA 715
Db 601 TACAAATTTGAGAGATCATCTTAAGCAAAATCTCTATCTGCAAAATGAGAAATTCACA 660
Qy 717 AGCGCACAGAAATTTTCTTGAAGATGGAAGAAAGTGAAGCTTTTAAAGATGCTCTCTCT 776
Db 661 AGCGCACAGAAATTTTCTTGAAGATGGAAGAAAGTGAAGCTTTTAAAGATGCTCTCTCT 720
Qy 777 TAACTCTGGTGGATTTTAACTAGCACTTGTCTCTCGGTGATGTTATGCTTTGGAT 836
Db 721 TAACTCTGGTGGATTTTAACTAGCACTTGTCTCTCGGTGATGTTATGCTTTGGAT 780
Qy 837 TTGTTGTGCAACTGTGCTTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 896
Db 781 TTGTTGTGCAACTGTGCTTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 840
Qy 897 CTATGCTGATGAGGATTTTGAATGAACAAAGCTAAACAGATATCCAGCTTTCTCTCT 956
Db 841 CTATGCTGATGAGGATTTTGAATGAACAAAGCTAAACAGATATCCAGCTTTCTCTCT 900
Qy 957 TGTGGTGTGATAGTCTTAAACTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAAGT 1016
Db 901 TGTGGTGTGATAGTCTTAAACTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAAGT 960
Qy 1017 GAATCTGTCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGCAAGTGTAAATAGACAT 1076
Db 961 GAATCTGTCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGCAAGTGTAAATAGACAT 1020
Qy 1077 CTAAAAATTCACCTCTCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCTTTAAGAA 1136
Db 1021 CTAAAAATTCACCTCTCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCTTTAAGAA 1080
Qy 1137 ATCATATTAATGAATTAAGTAAAGTTACTCAAAATCTGTG 1174
Db 1081 ATCATATTAATGAATTAAGTAAAGTTACTCAAAATCTGTG 1118

RESULT 201

AA82075

ID AA82075 standard; cDNA; 1138 BP.

XX AA82075;

XX 20-SEP-1999 (first entry)

XX Human CBCADB07 polypeptide encoding cDNA.

XX Human; CBCADB07; tropomyosin; acquired immunodeficiency syndrome; cancer;
XX muscular atrophy; vaccination; AIDS; ss.

XX Homo sapiens.

XX Key Location/Qualifiers

XX CDS 84..986

XX /*tag= a

XX /product= "CBCADB07"

XX WO9936522-A1.

XX 22-JUL-1999.

XX 19-JAN-1998; 98WO-CN000011.

Db 5 AGAGGGGAACAAGATGCGGGGGCGAAGGGAGGCTCTCGGTGAGAGCCCAACTGGGGCT 64

Qy 117 CCCGCGCTGCTGCTGCTGACCAATGGCTTGGCCGAGGTTGGGAGACCGCTTCGCGTGA 176

Db 65 CCCGCGCTGCTGCTGCTGACCAATGGCTTGGCCGAGGTTGGGAGACCGCTTCGCGTGA 124

Qy 177 AGCAATTTGACTCGGCTCTTGGTGATACGGGCTCTTGCACCGGGCTGTCAGTTGACCTA 236

Db 125 AGCAATTTGACTCGGCTCTTGGTGATACGGGCTCTTGCACCGGGCTGTCAGTTGACCTA 184

Qy 237 CCCCTTGACACCTTACCTTAAAGGAGGAGTTGTACGCAATGTACAGAGGTTGACGGCT 296

Db 185 CCCCTTGACACCTTACCTTAAAGGAGGAGTTGTACGCAATGTACAGAGGTTGACGGCT 244

Qy 297 GTTTTCAATTTGCTGAGTTTGGATGATGAATTTGACTTAAATCGAATTAATTTGGAATG 356

Db 245 GTTTTCAATTTGCTGAGTTTGGATGATGAATTTGACTTAAATCGAATTAATTTGGAATG 304

Qy 357 TGAATCTGCATGTACAGAGCATATTCCTTAACTCTGCTGAGGTCATTTGAGAGTACATGGA 416

Db 305 TGAATCTGCATGTACAGAGCATATTCCTTAACTCTGCTGAGGTCATTTGAGAGTACATGGA 364

Qy 417 TTGCCAGATCAGCTGCATTCGCTGCACTGACGACGACGACGACGACGACGACGACGACG 476

Db 365 TTGCCAGATCAGCTGCATTCGCTGCACTGACGACGACGACGACGACGACGACGACGACG 424

Qy 477 AAAAATGCACTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 536

Db 425 AAAAATGCACTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 484

Qy 537 CTCGCGACAGCTTCAATACCTCTTCACTGACGACGACGACGACGACGACGACGACGACG 596

Db 485 CTCGCGACAGCTTCAATACCTCTTCACTGACGACGACGACGACGACGACGACGACGACG 544

Qy 597 AATAGTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGCC 656

Db 545 AATAGTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGCAGAGCC 604

Qy 657 TACAAATTTGAGAGAACTCTTAAGCAAAATGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 713

Db 605 TACAAATTTGAGAGAACTCTCTTAAGCAAAATGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 664

Qy 714 ACAAGCGACAGGAAATTTCTTGAAGATGAGAAAGTGGTCTTTTAAAGATGCTCTCTCTCT 773

Db 665 ACAAGCGACAGGAAATTTCTTGAAGATGAGAAAGTGGTCTTTTAAAGATGCTCTCTCTCT 724

Qy 774 TCTTAATCTCGGGTGGATTTTAACTACAATCTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 833

Db 725 TCTTAATCTCGGGTGGATTTTAACTACAATCTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 784

Qy 834 GATTGTTGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAG 893

Db 785 GATTGTTGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAG 844

Qy 894 TATCTATGGTGAATGGAGTTTATGAATGAACAAAGCTAAAAGATATCCAGTCTCTCTCTCT 953

Db 845 TATCTATGGTGAATGGAGTTTATGAATGAACAAAGCTAAAAGATATCCAGTCTCTCTCTCT 904

Qy 954 TCTTGTGTTGTTAGATCTAAATCTGAAGATCATGAAGAGCAGGCTCTACTCTACAAA 1013

Db 905 TCTTGTGTTGTTAGATCTAAATCTGAAGATCATGAAGAGCAGGCTCTACTCTACAAA 964

Qy 1014 AGTGAATCTTCT 1073

Db 965 AGTGAATCTTCT 1024

Qy 1074 CATCTAAATTTCCACT 1133

Db 1025 CATCTAAATTTCCACT 1084

Qy 1134 GAAATCACTATAAATGCAATAAAGTTACTCAAACTGTG 1174

Db 1085 GAAATCACTATAAATGCAATAAAGTTACTCAAACTGTG 1125

RESULT 205

ABK35662

ID ABK35662 standard; cDNA; 1109 BP.

XX AC ABK35662;

XX 08-MAY-2002 (first entry)

XX cDNA sequence #53 encoding novel human secreted protein.

XX Human secreted protein; hyperproliferative disorder; autoimmune disorder;
XX immune deficiency disorder; blood disorder; inflammatory disorder;
XX infectious disorder; allergic condition; neurodegenerative disorder;
XX liver fibrosis; coagulation disorder; gene therapy; antimicrobial;
XX tumour; cancer; hepatotropic; immunosuppressive; antirheumatic; gene; ss.

XX Homo sapiens.

XX OS

XX WO200177289-A2.

XX 18-OCT-2001.

XX 29-MAR-2001; 2001WO-US010232.

XX 06-APR-2000; 2000US-0195605P.

XX (GEMY) GENETICS INST INC.

XX Jacobs K, McCoy JM, Lavallie ER, Collins-Racie LA, Evans C;

XX Merberg D, Treacy M, Agostino MJ, Bowman MR, Spaulding V, Wong GG;

XX Clark HF, Fectel K, Howes SH, Resnick RJ, Gulukota K, Graham JR;

XX WPI; 2002-179322/23.

XX Six hundred and twenty three polynucleotides derived from a variety of
XX human tissue sources which encode secreted proteins, useful for treating
XX immune deficiencies and disorders such as autoimmune disorders.

XX Claim 1; Page 101; 393pp; English.

XX The present invention relates to the isolation of novel cDNA sequences
XX which encode human secreted proteins. The cDNA sequences have been
XX derived from a variety of human tissues. The invention also provides a
XX method for producing proteins from these polynucleotide sequences. The
XX proteins are useful for identifying compounds that modulate their
XX activity and production. The sequences of the invention are useful for
XX treating diseases such as hyperproliferative disorders (e.g. cancer),
XX immune deficiency disorders (e.g. severe combined immunodeficiency
XX (SCID)), autoimmune disorders (e.g. multiple sclerosis), blood disorders
XX (e.g. thrombocytopaenia), inflammatory disorders (e.g. arthritis),
XX infectious disorders (e.g. hepatitis), allergic conditions (e.g. asthma),
XX neurodegenerative disorders (e.g. Alzheimer's disease), liver fibrosis,
XX coagulation disorders (e.g. haemophilia), and tumours. The polynucleotide
XX sequences of the invention are also useful in gene therapy. ABK35610-
XX ABK36232 represent the cDNA sequences of the invention that encode for
XX novel human secreted proteins

XX Sequence 1109 BP; 304 A; 235 C; 253 G; 317 T; 0 U; 0 Other;

Query Match 94.0%; Score 1103; DB 6; Length 1109;

Best Local Similarity 100.0%; Pred. No. 1.5e-310;

Matches 1103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 72 GGCGGGCCCGAAGGGAGGCTCTTGGGTGAGGAGCCCAACTGGGGCTCCGCGCTCTGCT 131

Db 7 GGCGGGCCCGAAGGGAGGCTCTTGGGTGAGGAGCCCAACTGGGGCTCCGCGCTCTGCT 66

Qy 132 GCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGGCTTCGGCTGAAGCATTTGACTCGGT 191

Db 67 GCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGGCTTCGGCTGAAGCATTTGACTCGGT 126

QY 192 CTTGGGTGATACGGGCTCTTGCCACCGGGCTGTGAGTTCACCTTACCCCTTGACACCTA 251
Db 127 CTTGGGTGATACGGGCTCTTGCCACCGGGCTGTGAGTTCACCTTACCCCTTGACACCTA 186
QY 252 CCTTAAGGAAGAGAGTGTGACGATGTGACAGAGGTTGACGGCTGTGTTTCAATTTGTCA 311
Db 187 CCTTAAGGAAGAGAGTGTGACGATGTGACAGAGGTTGACGGCTGTGTTTCAATTTGTCA 246
QY 312 GTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGAAATGCAATCTGCATGTAC 371
Db 247 GTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGAAATGCAATCTGCATGTAC 306
QY 372 AGAAGCATATTCCTAATCTGATGACAAATATGCTTGGCCATCTTGGTTCACAGATCAGCT 431
Db 307 AGAAGCATATTCCTAATCTGATGACAAATATGCTTGGCCATCTTGGTTCACAGATCAGCT 366
QY 432 GCCATTGCTGAACGACAGACAACTTATGCTCCCTGATGCGCAAAATGACCTTACT 491
Db 367 GCCATTGCTGAACGACAGACAACTTATGCTCCCTGATGCGCAAAATGACCTTACT 426
QY 492 CTTTCTCTTAACCTCTGGTGAAGTCAATCTGGAGTGACATGATGGACTCCGACAGAGCTT 551
Db 427 CTTTCTCTTAACCTCTGGTGAAGTCAATCTGGAGTGACATGATGGACTCCGACAGAGCTT 486
QY 552 CATTAACCTCTTCAATGACTTTTATCTTCAAGCCGATGACGCAAAATAGTATATTCOA 611
Db 487 CATTAACCTCTTCAATGACTTTTATCTTCAAGCCGATGACGCAAAATAGTATATTCOA 546
QY 612 GTCTAAGCCAGAAATCCAGTACGACCACTATTGGAGCAGAGCTCAAAATTTGAGAGA 671
Db 547 GTCTAAGCCAGAAATCCAGTACGACCACTATTGGAGCAGAGCTCAAAATTTGAGAGA 606
QY 672 ATCACTCTTAAGCAAAATGCTTCTATCTGCAATGAGAAATTCACAGCGCACAGAAATTT 731
Db 607 ATCACTCTTAAGCAAAATGCTTCTATCTGCAATGAGAAATTCACAGCGCACAGAAATTT 666
QY 732 TCTTGAAGATGAGAAAGTGTGGCTTTTAAAGTGCCTCTCTTAACTCTGGTGGAT 791
Db 667 TCTTGAAGATGAGAAAGTGTGGCTTTTAAAGTGCCTCTCTTAACTCTGGTGGAT 726
QY 792 TTTAATACTAATCTTCTCTCTCGGTGATGATTTGCTTTGGATTTGTTGCAACTGT 851
Db 727 TTTAATACTAATCTTCTCTCTCGGTGATGATTTGCTTTGGATTTGTTGCAACTGT 786
QY 852 TGTACAGCTGTGGAGTATGTCCTCTGAGAGCTGAGTATCTATGCTGACTTGA 911
Db 787 TGTACAGCTGTGGAGTATGTCCTCTGAGAGCTGAGTATCTATGCTGACTTGA 846
QY 912 GTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTGGTTGTAGATC 971
Db 847 GTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTGGTTGTAGATC 906
QY 972 TAAACTGAAGATCATGAGAGAGCGGGCTTACCTACCTACAAAGTGAATCTTGCTCATTC 1031
Db 907 TAAACTGAAGATCATGAGAGAGCGGGCTTACCTACCTACAAAGTGAATCTTGCTCATTC 966
QY 1032 TGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATATAGACATCTAAAATTCACCTCC 1091
Db 967 TGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATATAGACATCTAAAATTCACCTCC 1026
QY 1092 TCATAGAGCTTTTAAATGGTTTCTATTTGATATAGGCTTTAAGAAATCACTATATAATGC 1151
Db 1027 TCATAGAGCTTTTAAATGGTTTCTATTTGATATAGGCTTTAAGAAATCACTATATAATGC 1086
QY 1152 AAATAAAGTTTACTCAAACTGTG 1174
Db 1087 AAATAAAGTTTACTCAAACTGTG 1109

RESULT 206
AA335556
ID AA335556 standard; cDNA; 1472 BP.
XX

AC AA335556;
XX 08-JUL-1999 (first entry)
XX Secreted protein clone bm41_7 polynucleotide sequence.
DE Secreted protein; nutritional activity; cytokine; cell proliferation;
KW cell differentiation; vaccine; haematopoiesis regulating activity;
KW tissue growth; activin; inhibitor; chemotactic; chemokinetic; haemostatic;
KW thrombolytic; receptor; ligand; anti-inflammatory; cadherin;
KW tumor invasion; tumor inhibition; gene therapy; ss.
XX Homo sapiens.
OS W09918127-A1.
XX 15-APR-1999.
PD 02-OCT-1998; 98WO-US020793.
XX 02-OCT-1997; 97US-00942813.
PR 01-OCT-1998; 98US-00165960.
XX (GENY) GENETICS INST INC.
XX Jacobs K, McCoy JM, Lavallie ER, Racie LA, Evans C, Merberg D;
PI Treacy M, Agostino MJ, Spaulding V;
XX WPI: 1999-277255/23.
DR P-PSDB; AAY02282.
XX New human polynucleotides encoding secreted proteins useful for gene
PT therapy.
XX Claim 12; Page 75; 87pp; English.
XX Polynucleotides AA335555-62 encode secreted proteins (AAY02281-87). The
CC polynucleotides are obtained from human fetal kidney, human adult muscle,
CC human placenta, murine adult bone marrow, human adult spinal cord and
CC human adult lymph node cDNA libraries. The polynucleotides and proteins
CC are predicted to have biological activities which would make them
CC suitable for treating, preventing or ameliorating medical conditions in
CC humans and animals, although no supporting data is given. Suggested
CC activities include nutritional activity, cytokine and cell
CC proliferation/differentiation activity, immune stimulating (e.g. as
CC vaccines) or suppressing activity, haematopoiesis regulating activity,
CC tissue growth activity, activin/inhibin activity,
CC chemotactic/chemokinetic activity, haemostatic and thrombolytic activity,
CC receptor/ligand activity, anti-inflammatory activity, cadherin/tumor
CC invasion suppressor activity, and tumor inhibition activity. The
CC polynucleotides are also stated to be useful for gene therapy
XX
SQ Sequence 1472 BP; 415 A; 285 C; 310 G; 462 T; 0 U; 0 Other;
Query Match 93.4%; Score 1097; DB 2; Length 1472;
Best Local Similarity 99.7%; Pred. No. 9.7e-309;
Matches 1110; Conservative 0; Mismatches 0; Indels 3; Gaps 1;
QY 65 ACAAGATGCGCGCGCGGAGGGAGCTCTGGGTGAGAGCCCACTGGGCTCCCGCCG 124
Db 1 ACAAGATGCGCGCGCGGAGGGAGCTCTGGGTGAGAGCCCACTGGGCTCCCGCCG 60
QY 125 TGCTGCTGCTGACCATGCGCTTGGCCGAGGTTCCGGGACCGCTTCCGCTGAAGCATTTG 184
Db 61 TGCTGCTGCTGACCATGCGCTTGGCCGAGGTTCCGGGACCGCTTCCGCTGAAGCATTTG 120
QY 185 ACTCGGCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGAGTTCACCTACCCCTTGC 244
Db 121 ACTCGGCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGAGTTCACCTACCCCTTGC 180
QY 245 ACACCTACCTCAAGGAAGAGAGTGTGACGATGTGAGAGGTTGAGAGGCTGTGTTTCAA 304
Db 181 ACACCTACCTCAAGGAAGAGAGTGTGAGGATGTGAGAGGTTGAGAGGCTGTGTTTCAA 240

QY 305 TTGTGACGATGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTAATCTG 364
Db 241 TTGTGACGATGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTAATCTG 300
QY 365 CATGTACAGACGATATCCCAATCTGATGACGATATGCTTGCATCTGGTGGCCAGA 424
Db 301 CATGTACAGACGATATCCCAATCTGATGACGATATGCTTGCATCTGGTGGCCAGA 360
QY 425 ATCAGCTGCAATCTGCTGAACCTGAGACGAGAAACAATCTATGCTCCGATGCCAAAAATGC 484
Db 361 ATCAGCTGCAATCTGCTGAACCTGAGACGAGAAACAATCTATGCTCCGATGCCAAAAATGC 420
QY 485 ACCACTCTTTCTCTCTAATCTCTGGTGAAGTCAATCTGAGATGCAATGATGACCTCCGAC 544
Db 421 ACCACTCTTTCTCTCTAATCTCTGGTGAAGTCAATCTGAGATGCAATGATGACCTCCGAC 480
QY 545 AGAGCTTCATTAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATAATAGTTA 604
Db 481 AGAGCTTCATTAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATAATAGTTA 540
QY 605 TATTCAGCTTAAGCAGAAATCCAGTACGACGACCAATCTGAGCAGAGCCTCAAAAT 664
Db 541 TATTCAGCTTAAGCAGAAATCCAGTACGACGACCAATCTGAGCAGAGCCTCAAAAT 600
QY 665 TGAGAGAACTATCTCTAAGCAAAATGTCTCT--ATCTGCAATGAGAAATTCAGAGCG 721
Db 601 TGAGAGAACTATCTCTAAGCAAAATGTCTCTGATCTGCAATGAGAAATTCAGAGCG 660
QY 722 ACAGGAATTTCTGTAAGATGAGGAAGTGAATGGCTTTTAAAGTGCCTCTCTTAAT 781
Db 661 ACAGGAATTTCTGTAAGATGAGGAAGTGAATGGCTTTTAAAGTGCCTCTCTTAAT 720
QY 782 CTGGTGGATTTTAACTACACTCTTGTCTCTCGTGATGATGCTTTTGGATTTGTT 841
Db 721 CTGGTGGATTTTAACTACACTCTTGTCTCTCGTGATGATGCTTTTGGATTTGTT 780
QY 842 GTGCAACTGTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGATGATCTATG 901
Db 781 GTGCAACTGTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGATGATCTATG 840
QY 902 GTGACTTGGATTTATGATGACAAAGCTAAACAGATATCCAGCTTCTCTTGTGG 961
Db 841 GTGACTTGGATTTATGATGACAAAGCTAAACAGATATCCAGCTTCTCTTGTGG 900
QY 962 TTGTTAGATCTAAATCTGAAGATCATGAAGACGAGGCTCTACTACAAAGTGAATC 1021
Db 901 TTGTTAGATCTAAATCTGAAGATCATGAAGACGAGGCTCTACTACAAAGTGAATC 960
QY 1022 TTGCTATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTTAA 1081
Db 961 TTGCTATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTTAA 1020
QY 1082 ATTCCACTCTCATAGACCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCAC 1141
Db 1021 ATTCCACTCTCATAGACCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCAC 1080
QY 1142 TATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1081 TATAAATGCAATAAAGTTACTCAAAATCTGTG 1113

RESULT 207

AAV59667

ID AAV59667 standard; DNA; 1756 BP.

XX AC AAV59667;

XX 19-JAN-1999 (first entry)

DT Human secreted protein gene 157 clone HL7ED27.

DE Human; secreted protein; fusion protein; gene therapy; protein therapy;

XX Human; secreted protein; fusion protein; gene therapy; protein therapy;

KW Human; secreted protein; fusion protein; gene therapy; protein therapy;

diagnosis; tissue; cancer; tumour; neurodegenerative disorder; leukaemia;
developmental abnormality; foetal deficiency; blood; allergy; renal; ds;
immune system; asthma; lymphocytic disease; brain; hepatic; lymphoma;
inflammation; ischaemic shock; Alzheimer's disease; restenosis; AIDS;
cognitive disorder; schizophrenia; prostate; obesity; osteoclast; thymus;
osteoporosis; arthritis; testis; lung; thyroiditis; thyroid; digestion;
endocrine; metabolism; regulation; malabsorption; gastritis; neoplasm.

Homo sapiens.

WO9839448-A2.

11-SEP-1998.

06-MAR-1998; 98WO-US004493.

07-MAR-1997; 97US-0038621P.

07-MAR-1997; 97US-0040161P.

07-MAR-1997; 97US-0040162P.

07-MAR-1997; 97US-0040163P.

07-MAR-1997; 97US-0040333P.

07-MAR-1997; 97US-0040334P.

07-MAR-1997; 97US-0040336P.

07-MAR-1997; 97US-0040626P.

11-APR-1997; 97US-0043311P.

11-APR-1997; 97US-0043312P.

11-APR-1997; 97US-0043313P.

11-APR-1997; 97US-0043314P.

11-APR-1997; 97US-0043315P.

11-APR-1997; 97US-0043568P.

11-APR-1997; 97US-0043569P.

11-APR-1997; 97US-0043576P.

11-APR-1997; 97US-0043578P.

11-APR-1997; 97US-0043580P.

11-APR-1997; 97US-0043669P.

11-APR-1997; 97US-0043670P.

11-APR-1997; 97US-0043671P.

11-APR-1997; 97US-0043672P.

11-APR-1997; 97US-0043674P.

23-MAY-1997; 97US-0047492P.

23-MAY-1997; 97US-0047500P.

23-MAY-1997; 97US-0047501P.

23-MAY-1997; 97US-0047502P.

23-MAY-1997; 97US-0047503P.

23-MAY-1997; 97US-0047581P.

23-MAY-1997; 97US-0047582P.

23-MAY-1997; 97US-0047583P.

23-MAY-1997; 97US-0047584P.

23-MAY-1997; 97US-0047585P.

23-MAY-1997; 97US-0047586P.

23-MAY-1997; 97US-0047587P.

23-MAY-1997; 97US-0047588P.

23-MAY-1997; 97US-0047590P.

23-MAY-1997; 97US-0047592P.

23-MAY-1997; 97US-0047593P.

23-MAY-1997; 97US-0047594P.

23-MAY-1997; 97US-0047595P.

23-MAY-1997; 97US-0047596P.

23-MAY-1997; 97US-0047597P.

23-MAY-1997; 97US-0047598P.

23-MAY-1997; 97US-0047599P.

23-MAY-1997; 97US-0047600P.

23-MAY-1997; 97US-0047601P.

23-MAY-1997; 97US-0047612P.

23-MAY-1997; 97US-0047613P.

23-MAY-1997; 97US-0047614P.

23-MAY-1997; 97US-0047615P.

23-MAY-1997; 97US-0047617P.

23-MAY-1997; 97US-0047618P.

23-MAY-1997; 97US-0047632P.

23-MAY-1997; 97US-0047633P.

06-JUN-1997; 97US-0048964P.

06-JUN-1997; 9TUS-004897AP.
PR
13-JUN-1997; 9TUS-004961OP.
PR
08-JUL-1997; 9TUS-005192EP.
PR
16-JUL-1997; 9TUS-005287AP.
PR
18-AUG-1997; 9TUS-005572AP.
PR
22-AUG-1997; 9TUS-005663OP.
PR
22-AUG-1997; 9TUS-005663IP.
PR
22-AUG-1997; 9TUS-005663AP.
PR
22-AUG-1997; 9TUS-005663BP.
PR
22-AUG-1997; 9TUS-005663FP.
PR
22-AUG-1997; 9TUS-005663GP.
PR
22-AUG-1997; 9TUS-005666AP.
PR
22-AUG-1997; 9TUS-005684SP.
PR
22-AUG-1997; 9TUS-005686AP.
PR
22-AUG-1997; 9TUS-005687BP.
PR
22-AUG-1997; 9TUS-005687GP.
PR
22-AUG-1997; 9TUS-005687HP.
PR
22-AUG-1997; 9TUS-005688OP.
PR
22-AUG-1997; 9TUS-005688IP.
PR
22-AUG-1997; 9TUS-005688AP.
PR
22-AUG-1997; 9TUS-005688BP.
PR
22-AUG-1997; 9TUS-005688GP.
PR
22-AUG-1997; 9TUS-005688HP.
PR
22-AUG-1997; 9TUS-005689AP.
PR
22-AUG-1997; 9TUS-005689BP.
PR
22-AUG-1997; 9TUS-005690AP.
PR
22-AUG-1997; 9TUS-005690BP.
PR
22-AUG-1997; 9TUS-005691AP.
PR
22-AUG-1997; 9TUS-005691BP.
PR
05-SEP-1997; 9TUS-005765OP.
PR
05-SEP-1997; 9TUS-005766BP.
PR
12-SEP-1997; 9TUS-005878BP.
PR
02-OCT-1997; 9TUS-006106OP.
PR

(HUMA-) HUMAN GENOME SCI INC.

XX
PA
XX
PI Ruben SM, Rosen CA, Fischer CL, Soppet DR, Carter KG;
Bednarik DP, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;
Perric AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;
Moore PM, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;

XX
WPI; 1998-506364/43.
DR
P-PSDB; AAW74884.
XX
DR
XX
PT New isolated human genes and the secreted polypeptide(s) they encode -
PT useful for diagnosis and treatment of e.g. cancers, neurological
PT disorders, immune diseases, inflammation or blood disorders.
XX
PS
XX Claim 1; Page 395-396; 721pp; English.

CC This sequence represents a nucleic acid molecule designated Gene 157 from
CC the human cDNA clone HLRED27 (deposited as clone ATCC 97903 and ATCC
CC 209049) which encodes a secreted human protein. The gene can be used to
CC generate fusion proteins by linking to the gene to a human immunoglobulin
CC Fc portion (e.g. AAV59502) for increasing the stability of the fused
CC protein as compared to the human protein only. The invention relates to
CC 186 novel genes and their fragments (nucleic acid sequences: AAV59511-
CC V59812; amino acid sequences AAW74731-W75026) which are useful for
CC preventing, treating or ameliorating medical conditions e.g. by protein
CC or gene therapy. Also, pathological conditions can be diagnosed by
CC determining the amount of the new polypeptides in a sample or by
CC detecting the presence of mutations in the new polynucleotides.
CC Specific uses are described for each of the 186 polynucleotides, based on

CC	which tissues they are most highly expressed in (see AAV59511 for
CC	described uses)
XX	
QQ	Sequence 1756 BP; 481 A; 355 C; 420 G; 458 T; 0 U; 42 Other;
Query Match	89.4%; Score 1049; DB 2; Length 1756;
Best Local Similarity	94.7%; Pred. No. 1e-294;
Matches 1119; Conservative	11; Mismatches 37; Indels 15; Gaps 4;
QY	8 GTGGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGCTGTCAGAGGGGAACA 67
DB	222 GAGGAGGAAACCCCTTCGAGAAAACAGCAACAGCTGCTGTCAGAGGGGAACA 281
QY	68 AGATGGGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCACTGGGGCTCCGGCGCTGC 127
DB	282 AGATGGGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCACTGGGGCTCCGGCGCTGC 341
QY	128 TGCTGCTGACCAATGGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCATTTGACT 187
DB	342 TGCTGCTGACCATGGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCATTTGACT 401
QY	188 CGGTCTTGGGTGATACGGCGTCTTGGCCAGGGCCCTGTCACTGAGTGCCTACCGCTGCACA 247
DB	402 CGGTCTTGGGTGATACGGCGTCTTGGCCAGGGCCCTGTCACTGAGTGCCTACCGCTGCACA 461
QY	248 CCTACCTTAAGGAAGGAGCTTGACGCAATGTCCAGAGGTTTCAGAGGCTGTTTCAATTT 307
DB	462 CCTACCTTAAGGAAGAGAGTGTGACGCAATGTCCAGAGGTTTCAGAGGCTGTTTCAATTT 521
QY	308 GTCACTTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAATCTGCAT 367
DB	522 GTCACTTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAATCTGCAT 581
QY	368 GTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGTTGGTCCAGAAATC 427
DB	582 GTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGTTGGTCCAGAAATC 641
QY	428 AGCTGCCATTCGTGTAAGTACAGACAACTATATGTCCCTGATGCCAAATATGCAC 487
DB	642 AGCTGCCATTCGTGTAAGTACAGACAACTATATGTCCCTGATGCCAAATATGCAC 701
QY	488 TACTCTTTCCCTAACTCTCGTGAGGTCAATCTGGAGTGACATGATGACCTCCGACAGA 547
DB	702 TACTCTTTCCCTAACTCTCGTGAGGTCAATCTGGAGTGACATGATGACCTCCGACAGA 761
QY	548 GCTTCATTAACCTCTCATGACCTTTTATCTTCAGCCGATGACGGGAAATAGTTATAT 607
DB	762 GCTTCATTAACCTCTCATGACCTTTTATCTTCAGCCGATGACGGGAAATAGTTATAT 821
QY	608 TCCAGCTTAAGCC---AGAAATCCAGTAGCAACCAATTTGGAGG---AGGAGGCTCAAA 661
DB	822 TCCGCTTAAGCCAGCCAGAAATCCAGTAGCAACCAATTTGGAGGCGAGGACCCCTACCA 881
QY	662 ATTTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCT---GCAATAGAGAAATTCACAAG 718
DB	882 ATTTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCT---GCAATAGAGAAATTCACAAG 941
QY	719 CGCACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTATAGATGCCTCTCTCTTA 778
DB	942 CGCACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTATAGATGCCTCTCTCTTA 1001
QY	779 ACTCTGGGTGGATTTTAATCAACATCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTT 838
DB	1002 ACTCTGGGTGGATTTTAATCAACATCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTT 1061
QY	839 GTTGTGCAACTGTTGCTACAGCTGTGGACA-----GTATGTTCCCTCTCAGAGCTGA 892
DB	1062 GTTGTGCAACTGTTGCTACAGCTGTGGACA-----GTATGTTCCCTCTCAGAGCTGA 1121
QY	893 GTATCTATGGTGACTTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTT 952
DB	1122 GTATCTATGGTGACTTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTT 1181

Qy 953 CTCTTGTTGTTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACCTCAA 1012
Db 1182 CTCTTGTTGTTGTTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACCTCAA 1241
Qy 1013 AAGTGAATCTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGTATAG 1072
Db 1242 AAGTGAATCTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGTATAG 1301
Qy 1073 ACATCTAAATTCCTCATCTCTCATAGAGCTTTTAAATGTTTCATGATATAGCCCTTA 1132
Db 1302 ACATCTAAATTCCTCATCTCTCATAGAGCTTTTAAATGTTTCATGATATAGCCCTTA 1361
Qy 1133 AGAATCACTATATAATGCAATATAGTTACTCAATCTGTG 1174
Db 1362 AGAATCACTATATAATGCAATATAGTTACTCAATCTGTG 1403

RESULT 208
ABS73654
ID ABS73654 standard; cDNA; 1816 BP.
XX
AC ABS73654;
XX
XX 15-JAN-2003 (first entry)
DE Human cDNA #1 for novel secreted protein gene 157.
XX
KW Human; ss; gene; secreted protein; autoimmune disease; chemotaxis;
KW rheumatoid arthritis; hyperproliferative disorder; breast neoplasm;
KW liver neoplasm cardiovascular disorder; cardiac arrest; skin aging;
KW cerebrovascular disorder; cerebral ischaemia; angiogenesis; sunburn;
KW nervous system disorders; Alzheimer's disease; infection;
KW ocular disorder; corneal infection; wound healing; tissue regeneration;
KW epithelial cell proliferation; organ transplantation; food additive;
KW preservative; nutritional.
XX
OS Homo sapiens.
XX
XX US6420526-B1.
XX
XX 16-JUL-2002.
XX
XX 08-SEP-1998; 98US-00149476.
XX
XX 07-MAR-1997; 97US-0038621P.
XX 07-MAR-1997; 97US-0040161P.
XX 07-MAR-1997; 97US-0040162P.
XX 07-MAR-1997; 97US-0040163P.
XX 07-MAR-1997; 97US-0040333P.
XX 07-MAR-1997; 97US-0040334P.
XX 07-MAR-1997; 97US-0040336P.
XX 07-MAR-1997; 97US-0040626P.
XX 11-APR-1997; 97US-0043311P.
XX 11-APR-1997; 97US-0043312P.
XX 11-APR-1997; 97US-0043313P.
XX 11-APR-1997; 97US-0043314P.
XX 11-APR-1997; 97US-0043315P.
XX 11-APR-1997; 97US-0043568P.
XX 11-APR-1997; 97US-0043569P.
XX 11-APR-1997; 97US-0043576P.
XX 11-APR-1997; 97US-0043578P.
XX 11-APR-1997; 97US-0043580P.
XX 11-APR-1997; 97US-0043669P.
XX 11-APR-1997; 97US-0043670P.
XX 11-APR-1997; 97US-0043671P.
XX 11-APR-1997; 97US-0043672P.
XX 11-APR-1997; 97US-0043674P.
XX 23-MAY-1997; 97US-0047492P.
XX 23-MAY-1997; 97US-0047500P.
XX 23-MAY-1997; 97US-0047501P.
XX 23-MAY-1997; 97US-0047502P.
XX 23-MAY-1997; 97US-0047503P.
XX 23-MAY-1997; 97US-0047581P.
PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-005126P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057659P.
PR 12-SEP-1997; 97US-0057761P.
PR 02-OCT-1997; 97US-0061060P.
PR 06-MAR-1998; 98WO-US0004493.
XX

(HUMA-) HUMAN GENOME SCI INC.

Ruben SM, Rosen CA, Fischer CB, Soppet DP, Carter KC;
Bednarik DR, Andress GA, Yu G, Ni J, Feng P, Young PE,
Fertie AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;
Moore PA, Shi Y, Lafleur DM, Li Y, Zeng Z, Kyaw H;
WPI; 2002-634796/68.
P-PSDB; ABG95336.

New isolated human secreted protein for diagnosing, preventing, treating or ameliorating medical conditions and used as a food additive or preservative.

Example 1; SEQ ID NO 167; 129pp; English.

The invention relates to an isolated protein that is one of 186 human secreted proteins, given in the specification, encoded by one of 309 cDNA sequences also given in the specification. The protein is used in a pharmaceutical composition used to prevent, treat or ameliorate a medical condition in e.g. humans, mice, rabbits, goats, horses, cats, dogs, chickens or sheep. Disorders which are diagnosed or treated include autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative disorders e.g. neoplasms of the breast or liver, cardiovascular disorders e.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia, angioneurosis, nervous system disorders e.g. Alzheimer's disease, infections caused by bacteria, viruses and fungi and ocular disorders e.g. corneal infection. The polypeptides can also be used to aid wound healing and epithelial cell proliferation, to prevent skin aging due to sunburn, to maintain organs before transplantation, for supporting cell culture of primary tissues, to regenerate tissues and in chemotaxis. The polypeptides can also be used as a food additive or preservative to increase or decrease storage capabilities, fat content, lipid, protein, carbohydrate, vitamins, minerals, colorants and other nutritional components. The present sequence represents a cDNA derived from a gene encoding one of the novel human secreted proteins of the invention. Note: This sequence did not form part of the printed specification, but was obtained in electronic format directly from USPTO at secdatal.uspto.gov/sequence.html?DocID=6420526B1

Sequence 1816 BP; 496 A; 371 C; 427 G; 478 T; 0 U; 44 Other;

Query Match 89.4%; Score 1049; DB 6; Length 1816;
Best Local Similarity 94.7%; Pred. No. 1.1e-294;
Matches 1119; Conservative 11; Mismatches 37; Indels 15

Qy		8	G T G G G G A A A C C C T T C C G A G A A A A C A G C A A C A A G C T G A G T G T G T G A C A G A G G G A A C	67
Db		222	G A G A G G A A A C C C T T C C G A G A A A A C A G C A A C A A G C T G A G T G T G T G A C A G A G G G A A C	281
Qy		68	A G A T G C G C G C G C G A A G G G G A G C C T C T G G G T G A G G A C C C A A C T G G G G C T C C C G C G C T G C	127
Db		282	A G A T G C G C G C G C G A A G G G G A G C C T C T G G G T G A G G A C C C A A C T G G G G C T C C C G C G C T G C	341
Qy		128	T G C T G T G A C C A T G G C C T T G G C C G A G A G T T C G G G G A C C G C T T C G G T G T A A G C A T T T G A C T	187
Db		342	T G C T G T G A C C A T G G C C T T G G C C G A G A G T T C G G G G A C C G C T T C G G C T T A A G C A T T T G A C T	401
Qy		188	C G G T C T T G G G T G A N A C G G C G T C T T G C C A C C G G G C C T G T C A G T T G A C C T A C C C T T G C A C A	247
Db		402	C G G T C T T G G G T G A N A C G G C G T C T T G C C A C C G G G C C T G T C A G T T G A C C T A C C C T T G C A C A	461
Qy		248	C C T A C C C T A A G G A A G A G A G A G T T G A C G C A T G T C A G A G A G G T T C A G G C T G T T T T C A A T T T	307
Db		462	C C T A C C C T A A G G A A G A G A G T T G A C G C A T G T C A G A G A G G T T C A G G C T G T T T T C A A T T T	521
Qy		308	G T C A G T T T T G T G A T G A A T T G A C T T A A A T C G A A C T A A A T T G G A A T G T G A A T C T G C A T	367
Db		522	G T C A G T T T T G T G A T G A A T T G A C T T A A A T C G A A C T A A A T T G G A A T G T G A A T C T G C A T	581
Qy		368	G T A C A G A G C A T A T T C C A A T C T G A T A G A C A A T A T G T T G C C A T C T T T G G T T G C C A G A A T C	427
Db		582	G T A C A G A G C A T A T T C C A A T C T G A T A G A C A A T A T G T T G C C A T C T T T G G T T G C C A G A A T C	641

XW Parkinson's disease; inflammation; Crohn's disease; vulneryary;
KW immunosuppressive; antibacterial; haemostatic; thrombolytic;
KW anticoagulant; neuroprotective; thyromimetic; antiallergic;
KW antiasthmatic; virucide; fungicide; anti-HIV; nephrotoxic; antiangiinal;
KW cerebroprotective; cardiant; nootropic; antiparkinsonian;
KW antiinflammatory; gene; ss.
XX

OS Homo sapiens.

XX US2003049618-A1.

PN 13-MAR-2003.

PD 16-MAR-2001; 2001US-00809391.

XX 07-MAR-1997; 97US-0038621P.

PR 07-MAR-1997; 97US-0040162P.

PR 07-MAR-1997; 97US-0040163P.

PR 07-MAR-1997; 97US-0040333P.

PR 07-MAR-1997; 97US-0040334P.

PR 07-MAR-1997; 97US-0040336P.

PR 07-MAR-1997; 97US-0040626P.

PR 11-APR-1997; 97US-0043311P.

PR 11-APR-1997; 97US-0043312P.

PR 11-APR-1997; 97US-0043313P.

PR 11-APR-1997; 97US-0043314P.

PR 11-APR-1997; 97US-0043315P.

PR 11-APR-1997; 97US-0043568P.

PR 11-APR-1997; 97US-0043569P.

PR 11-APR-1997; 97US-0043576P.

PR 11-APR-1997; 97US-0043578P.

PR 11-APR-1997; 97US-0043580P.

PR 11-APR-1997; 97US-0043669P.

PR 11-APR-1997; 97US-0043670P.

PR 11-APR-1997; 97US-0043671P.

PR 11-APR-1997; 97US-0043672P.

PR 11-APR-1997; 97US-0043674P.

PR 23-MAY-1997; 97US-0047492P.

PR 23-MAY-1997; 97US-0047500P.

PR 23-MAY-1997; 97US-0047501P.

PR 23-MAY-1997; 97US-0047502P.

PR 23-MAY-1997; 97US-0047503P.

PR 23-MAY-1997; 97US-0047581P.

PR 23-MAY-1997; 97US-0047582P.

PR 23-MAY-1997; 97US-0047583P.

PR 23-MAY-1997; 97US-0047584P.

PR 23-MAY-1997; 97US-0047585P.

PR 23-MAY-1997; 97US-0047586P.

PR 23-MAY-1997; 97US-0047587P.

PR 23-MAY-1997; 97US-0047588P.

PR 23-MAY-1997; 97US-0047589P.

PR 23-MAY-1997; 97US-0047590P.

PR 23-MAY-1997; 97US-0047592P.

PR 23-MAY-1997; 97US-0047593P.

PR 23-MAY-1997; 97US-0047594P.

PR 23-MAY-1997; 97US-0047595P.

PR 23-MAY-1997; 97US-0047596P.

PR 23-MAY-1997; 97US-0047597P.

PR 23-MAY-1997; 97US-0047598P.

PR 23-MAY-1997; 97US-0047599P.

PR 23-MAY-1997; 97US-0047600P.

PR 23-MAY-1997; 97US-0047601P.

PR 23-MAY-1997; 97US-0047612P.

PR 23-MAY-1997; 97US-0047613P.

PR 23-MAY-1997; 97US-0047614P.

PR 23-MAY-1997; 97US-0047615P.

PR 23-MAY-1997; 97US-0047617P.

PR 23-MAY-1997; 97US-0047618P.

PR 23-MAY-1997; 97US-0047632P.

PR 23-MAY-1997; 97US-0047633P.

PR 06-JUN-1997; 97US-0048964P.

PR 13-JUN-1997; 97US-0048974P.

PR 13-JUN-1997; 97US-0049010P.

PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 09-OCT-1997; 97US-0061660P.
PR 06-MAR-1998; 98WO-US004493.
PR 08-SEP-1998; 98US-00149476.
PR 17-MAR-2000; 2000US-0190068P.

(RUBE//) RUBEN S M.

(ROSE//) ROSEN C A.

(SOPP//) SOPPET D R.

(CART//) CARTER K C.

(BEDN//) BEDNARIK D P.

(ENDR//) ENDRESS G A.

(YUGG//) YU G.

(NIJU//) NI J.

(FENG//) FENG P.

(YOUN//) YOUNG P E.

(GREE//) GREENE J M.

(FERE//) FERRIE A M.

(DUAN//) DUAN D R.

(HUGG//) HU J.

(FLOR//) FLORENCE K A.

(OLSE//) OLSEN H S.

(FISC//) FISCHER C L.

(EBNE//) EBNER R.

(BREW//) BREWER L A.

(MOOR//) MOORE P A.

(SHIY//) SHI Y.

(LAFLE//) LAFLEUR D W.

(LIYY//) LI Y.

(ZENG//) ZENG Z.

(KYAW//) KYAW H.

Ruben SM, Rosen CA, Soppet DR, Carter KC, Bednarik DP;
Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM, Ferrie AM;

PI Duan DR, Hu J, Florence KA, Olsen HS, Fischer CL, Ebner R;
PI Brewer LA, Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX WPI; 2003-521800/49.
DR P-PSDB; ABO34530.
XX
PT New genes and its encoded prostate cancer antigen proteins, useful for
PT preventing, treating, ameliorating or diagnosing e.g. prostate cancers,
PT thymic hypoplasia, multiple sclerosis, AIDS, angina pectoris or cerebral
PT ischemia.
XX
PS Claim 4; SEQ ID NO 167; 260pp; English.
XX
XX The present invention relates to the isolation of novel human secreted
CC proteins and the polynucleotide sequences encoding them. The invention
CC also discloses vectors, host cells, antibodies, and recombinant methods
CC for producing human secreted proteins. The polypeptide and polynucleotide
CC sequences for the secreted proteins are useful for preventing, treating,
CC ameliorating or diagnosing medical conditions such as hyperproliferative
CC disorders (e.g. leukaemia or breast cancers), wounds, reproductive
CC disorders, blood-related disorders (e.g. haemophilia or
CC thrombocytopoenia), immunodeficiencies (e.g. Wiskott-Aldrich syndrome or
CC thymic hypoplasia), autoimmune disorders (e.g. graft-versus-host disease,
CC multiple sclerosis or Hashimoto's thyroiditis), allergies (e.g. asthma),
CC viral or bacterial or fungal infections (e.g. AIDS or sepsis), renal
CC disorders (e.g. kidney failure), cardiovascular disorders (e.g. angina
CC pectoris, cerebral ischaemia or congenital heart defects), respiratory
CC disorders, neurological disorders (e.g. Alzheimer's disease or
CC Parkinson's disease), and inflammations (e.g. Crohn's disease). The
CC polynucleotide or polypeptide may also be used as vaccine adjuvants.
CC ACP82641-ACD82950 encode human secreted proteins or their fragments.
CC Note: The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from the
CC USPTO web site at seqdata.uspto.gov/psipds/IDentry.html
XX
SQ Sequence 1816 BP; 496 A; 371 C; 427 G; 478 T; 0 U; 44 Other;

Query Match 89.4%; Score 1049; DB 8; Length 1816;
Best Local Similarity 94.7%; Pred. No. 1.le-294;
Matches 1119; Conservative 11; Mismatches 37; Indels 15; Gaps 4;

QY 8 GTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAGGGGAACA 67
DB 222 GAGGAGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAGGGGAACA 281
QY 68 AGATGGGGGGCCCGAAGGGAGGCTCTGGGTGAGGAGCCCAACTGGGGCTCCCGCGCTGC 127
DB 282 AGATGGGGGGCCCGAAGGGAGGCTCTGGGTGAGGAGCCCAACTGGGGCTCCCGCGCTGC 341
QY 128 TGCTGTGACCATGGCTTGGCGGAGGTTGCGGACCGCTTGGCTGAGCATTTGACT 187
DB 342 TGCTGTGACCATGGCTTGGCGGAGGTTGCGGACCGCTTGGCTGAGCATTTGACT 401
QY 188 CGGCTTTGGGTGATACGGCTTGGCCACGGGCTGTGAGTTGACCTACCCCTTGCA 247
DB 402 CGGCTTTGGGTGATACGGCTTGGCCACGGGCTGTGAGTTGACCTACCCCTTGCA 461
QY 248 CCTACCTTAAGGAGGAGGAGTTGTGACATGTGACAGAGGTTGCAGGCTGTGTTTCAATTT 307
DB 462 CCTACCTTAAGGAGGAGGAGTTGTGACATGTGACAGAGGTTGCAGGCTGTGTTTCAATTT 521
QY 308 GTCACTTTTGGATGATGAAATGACTTAATCGAATCTAAATGGAATGTGAATCTGCAT 367
DB 522 GTCACTTTTGGATGATGAAATGACTTAATCGAATCTAAATGGAATGTGAATCTGCAT 581
QY 368 GTACAGAGCATATTCCTCAATCTGATGAGCAATATCTTGCCATCTTGTTGCCAGATC 427
DB 582 GTACAGAGCATATTCCTCAATCTGATGAGCAATATCTTGCCATCTTGTTGCCAGATC 641
QY 428 AGCTGCCATTCGCTGAATCGAGCAAGAACCACTTATGTCCTGTATGTCGCAAAATGCAAC 487
DB 642 AGCTGCCATTCGCTGAATCGAGCAAGAACCACTTATGTCCTGTATGTCGCAAAATGCAAC 701

QY 488 TACTCTTTCTCTAACTCTGAGGGTCACTTCTGGAGTGACATGATGAGCTCCGACAGA 547
DB 702 TACTCTTTCTCTAACTCTGAGGGTCACTTCTGGAGTGACATGATGAGCTCCGACAGA 761
QY 548 GCTTCATAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 607
DB 762 GCTTCATAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 821
QY 608 TCCAGTCTTAAGCC---AGAAATCCAGTACGACCAACATTTGGAGC---AGGAGCCTACAA 661
DB 822 TCCAGTCTTAAGCCAGRAATCCAGGTACGACCAACATTTGGAGCCAGGAGCCTACCAA 881
QY 662 ATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCT---GCAAAATGAGAAATTCACAAG 718
DB 882 ATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTCAKWTGSGMAATGAGAAATTCACAAG 941
QY 719 CGCACAGGAATTTCTTGRAGATGGGAAAGTATGCTTTTAAAGATGCTCTCTCTTA 778
DB 942 CGCACAGGAATTTCTTGRAGATGGGAAAGTATGCTTTTAAAGATGCTCTCTCTTA 1001
QY 779 ACTCTGGGTGGATTTTAACTACCACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTT 838
DB 1002 ACTCTGGGTGGATTTTAACTACCACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTT 1061
QY 839 GTTGTGCACTGTGTCTACAGCTGTGGAGCA-----GTATGTTCCCTCTGAGAACTGA 892
DB 1062 GTTGTGCACTGTGTCTACAGCTGTGGAGCA-----GTATGTTCCCTCTGAGAACTGA 1121
QY 893 GTATCTATGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 952
DB 1122 GTATCTATGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 1181
QY 953 CTCTTGTGGTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAA 1012
DB 1182 CTCTTGTGGTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAA 1241
QY 1013 AAGTGAATCTTGCTCATCTGGAATTTTAAAGATTTTCTTTTAAAGACAGTGAATAG 1072
DB 1242 AAGTGAATCTTGCTCATCTGGAATTTTAAAGATTTTCTTTTAAAGACAGTGAATAG 1301
QY 1073 ACATCTAAATTTCCACTCTCTCATAGAGCTTTTAAATGTTTTCATTGGATATAGGCTTA 1132
DB 1302 ACATCTAAATTTCCACTCTCTCATAGAGCTTTTAAATGTTTTCATTGGATATAGGCTTA 1361
QY 1133 AGAATCACTATTAATTAAGTCAATTAAGTTACTCAATCTGTG 1174
DB 1362 AGAATCACTATTAATTAAGTCAATTAAGTTACTCAATCTGTG 1403

RESULT 210
AAZ90041
ID AAZ90041 standard; cDNA; 969 BP.
XX AAZ90041;
AC AAZ90041;
XX
DT 09-MAY-2000 (first entry)
XX
DE Hydrophobic domain containing protein clone HP10349 coding sequence.
XX
KW Hydrophobic domain; clone HP10349; nutritional supplement; SCID; HIV;
KW cell proliferation; immune stimulant; immune deficiency; tumour; pain;
KW rheumatoid arthritis; insulin dependent diabetes mellitus; fertility;
KW myasthenia gravis; haematopoiesis regulator; tissue growth; depression;
KW anti-inflammatory; infection; bodily characteristic; ss.
XX
OS Homo sapiens.
XX
EN MO200000506-A2.
XX
PD 06-JAN-2000.
XX
PF 18-JUN-1999; 99WO-JP003242.
XX

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 15, 2004, 05:14:27 ; Search time 1546 Seconds
(without alignments)

3466.191 Million cell updates/sec

Title: US-09-978-299A-329

Perfect score: 1174

Sequence: 1 cggacgctgggggaacc.....taagttactcaaatctgtg 1174

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2998549 seqs, 2282253817 residues

Total number of hits satisfying chosen parameters: 545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2:*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1174	100.0	1174	9	US-09-978-299A-329
2	1174	100.0	1174	9	US-09-978-697-329
3	1174	100.0	1174	9	US-09-978-192A-329
4	1174	100.0	1174	9	US-09-999-832A-329
5	1174	100.0	1174	10	US-09-978-189-329
6	1174	100.0	1174	10	US-09-978-608A-329
7	1174	100.0	1174	10	US-09-978-585A-329
8	1174	100.0	1174	10	US-09-978-191A-329
9	1174	100.0	1174	10	US-09-978-403A-329
10	1174	100.0	1174	10	US-09-978-564A-329
11	1174	100.0	1174	10	US-09-999-833A-329
12	1174	100.0	1174	10	US-09-981-915A-329
13	1174	100.0	1174	10	US-09-978-824-329
14	1174	100.0	1174	10	US-09-918-585A-329

15	1174	100.0	1174	10	US-09-978-423A-329	Sequence 329, App
16	1174	100.0	1174	10	US-09-978-193A-329	Sequence 329, App
17	1174	100.0	1174	10	US-09-999-830A-329	Sequence 329, App
18	1174	100.0	1174	10	US-09-978-757A-329	Sequence 329, App
19	1174	100.0	1174	10	US-09-978-187B-329	Sequence 329, App
20	1174	100.0	1174	10	US-09-978-643A-329	Sequence 329, App
21	1174	100.0	1174	10	US-09-978-375A-329	Sequence 329, App
22	1174	100.0	1174	10	US-09-978-298A-329	Sequence 329, App
23	1174	100.0	1174	10	US-09-978-188A-329	Sequence 329, App
24	1174	100.0	1174	10	US-09-978-681A-329	Sequence 329, App
25	1174	100.0	1174	10	US-09-978-194A-329	Sequence 329, App
26	1174	100.0	1174	10	US-09-999-829A-329	Sequence 329, App
27	1174	100.0	1174	10	US-09-978-299A-329	Sequence 329, App
28	1174	100.0	1174	10	US-09-978-544A-329	Sequence 329, App
29	1174	100.0	1174	10	US-09-978-665A-329	Sequence 329, App
30	1174	100.0	1174	10	US-09-978-802A-329	Sequence 329, App
31	1174	100.0	1174	13	US-10-147-493-271	Sequence 271, App
32	1174	100.0	1174	13	US-10-164-749A-329	Sequence 329, App
33	1174	100.0	1174	13	US-10-145-127-271	Sequence 271, App
34	1174	100.0	1174	13	US-10-160-503-271	Sequence 271, App
35	1174	100.0	1174	13	US-10-143-118-271	Sequence 271, App
36	1174	100.0	1174	13	US-10-144-993-271	Sequence 271, App
37	1174	100.0	1174	13	US-10-158-787-271	Sequence 271, App
38	1174	100.0	1174	13	US-10-081-056-7	Sequence 7, Appli
39	1174	100.0	1174	13	US-09-999-831A-329	Sequence 329, App
40	1174	100.0	1174	13	US-10-140-024-271	Sequence 271, App
41	1174	100.0	1174	13	US-10-013-917A-329	Sequence 329, App
42	1174	100.0	1174	13	US-10-140-808-271	Sequence 329, App
43	1174	100.0	1174	13	US-09-999-834A-329	Sequence 329, App
44	1174	100.0	1174	13	US-10-152-405-271	Sequence 271, App
45	1174	100.0	1174	13	US-10-162-521A-329	Sequence 329, App
46	1174	100.0	1174	13	US-10-127-852A-271	Sequence 271, App
47	1174	100.0	1174	13	US-10-127-900A-271	Sequence 271, App
48	1174	100.0	1174	13	US-10-128-685A-271	Sequence 271, App
49	1174	100.0	1174	13	US-10-131-820A-271	Sequence 271, App
50	1174	100.0	1174	13	US-10-142-886-271	Sequence 271, App
51	1174	100.0	1174	13	US-10-145-016A-329	Sequence 329, App
52	1174	100.0	1174	13	US-10-145-088A-329	Sequence 329, App
53	1174	100.0	1174	13	US-10-145-092A-329	Sequence 329, App
54	1174	100.0	1174	13	US-10-146-129A-329	Sequence 329, App
55	1174	100.0	1174	13	US-10-146-728-271	Sequence 271, App
56	1174	100.0	1174	13	US-10-146-786-271	Sequence 271, App
57	1174	100.0	1174	13	US-10-147-499-271	Sequence 271, App
58	1174	100.0	1174	13	US-10-157-798-271	Sequence 271, App
59	1174	100.0	1174	13	US-10-165-038A-329	Sequence 329, App
60	1174	100.0	1174	13	US-10-165-353A-329	Sequence 329, App
61	1174	100.0	1174	13	US-10-167-600-329	Sequence 329, App
62	1174	100.0	1174	13	US-10-170-481A-329	Sequence 329, App
63	1174	100.0	1174	13	US-10-172-039A-329	Sequence 329, App
64	1174	100.0	1174	13	US-10-210-028-329	Sequence 329, App
65	1174	100.0	1174	13	US-10-305-654-7	Sequence 7, Appli
66	1174	100.0	1174	15	US-10-028-072-271	Sequence 271, App
67	1174	100.0	1174	15	US-10-121-049-271	Sequence 271, App
68	1174	100.0	1174	15	US-10-123-904-271	Sequence 271, App
69	1174	100.0	1174	15	US-10-140-470-271	Sequence 271, App
70	1174	100.0	1174	15	US-10-175-746-271	Sequence 271, App
71	1174	100.0	1174	15	US-10-176-918-271	Sequence 271, App
72	1174	100.0	1174	15	US-10-176-921-271	Sequence 271, App
73	1174	100.0	1174	15	US-10-137-865-271	Sequence 271, App
74	1174	100.0	1174	15	US-10-140-474-271	Sequence 271, App
75	1174	100.0	1174	15	US-10-142-431-271	Sequence 271, App
76	1174	100.0	1174	15	US-10-143-114-271	Sequence 271, App
77	1174	100.0	1174	15	US-10-140-002-271	Sequence 271, App
78	1174	100.0	1174	15	US-10-142-419-271	Sequence 271, App
79	1174	100.0	1174	15	US-10-017-081A-329	Sequence 329, App
80	1174	100.0	1174	15	US-10-123-262-271	Sequence 271, App
81	1174	100.0	1174	15	US-10-142-423-271	Sequence 271, App
82	1174	100.0	1174	15	US-10-121-050-271	Sequence 271, App
83	1174	100.0	1174	15	US-10-141-755-271	Sequence 271, App
84	1174	100.0	1174	15	US-10-167-749-329	Sequence 329, App
85	1174	100.0	1174	15	US-10-143-032-271	Sequence 271, App
86	1174	100.0	1174	15	US-10-013-921A-329	Sequence 329, App
87	1174	100.0	1174	15	US-10-123-108-271	Sequence 271, App

234	1174	100.0	1174	15	US-10-142-432-271	Sequence 271, App	307	1174	100.0	1174	15	US-10-145-747-271	Sequence 271, App
235	1174	100.0	1174	15	US-10-142-767-271	Sequence 271, App	308	1174	100.0	1174	15	US-10-145-752-271	Sequence 271, App
236	1174	100.0	1174	15	US-10-143-033-271	Sequence 271, App	309	1174	100.0	1174	15	US-10-145-754-271	Sequence 271, App
237	1174	100.0	1174	15	US-10-144-994-271	Sequence 271, App	310	1174	100.0	1174	15	US-10-145-755-271	Sequence 271, App
238	1174	100.0	1174	15	US-10-145-628-271	Sequence 271, App	311	1174	100.0	1174	15	US-10-145-818-271	Sequence 271, App
239	1174	100.0	1174	15	US-10-145-746-271	Sequence 271, App	312	1174	100.0	1174	15	US-10-145-820-271	Sequence 271, App
240	1174	100.0	1174	15	US-10-145-748-271	Sequence 271, App	313	1174	100.0	1174	15	US-10-145-872-271	Sequence 271, App
241	1174	100.0	1174	15	US-10-145-823-271	Sequence 271, App	314	1174	100.0	1174	15	US-10-145-873-271	Sequence 271, App
242	1174	100.0	1174	15	US-10-145-826-271	Sequence 271, App	315	1174	100.0	1174	15	US-10-147-481-271	Sequence 271, App
243	1174	100.0	1174	15	US-10-145-870-271	Sequence 271, App	316	1174	100.0	1174	15	US-10-147-482-271	Sequence 271, App
244	1174	100.0	1174	15	US-10-145-878-271	Sequence 271, App	317	1174	100.0	1174	15	US-10-147-503-271	Sequence 271, App
245	1174	100.0	1174	15	US-10-145-959-271	Sequence 271, App	318	1174	100.0	1174	15	US-10-147-522-271	Sequence 271, App
246	1174	100.0	1174	15	US-10-146-724-271	Sequence 271, App	319	1174	100.0	1174	15	US-10-152-401-271	Sequence 271, App
247	1174	100.0	1174	15	US-10-146-728-271	Sequence 271, App	320	1174	100.0	1174	15	US-10-152-783-271	Sequence 271, App
248	1174	100.0	1174	15	US-10-146-795-271	Sequence 271, App	321	1174	100.0	1174	15	US-10-158-792-271	Sequence 271, App
249	1174	100.0	1174	15	US-10-147-495-271	Sequence 271, App	322	1174	100.0	1174	15	US-10-158-792-271	Sequence 271, App
250	1174	100.0	1174	15	US-10-147-501-271	Sequence 271, App	323	1174	100.0	1174	15	US-10-158-792-271	Sequence 271, App
251	1174	100.0	1174	15	US-10-147-504-271	Sequence 271, App	324	1174	100.0	1174	15	US-10-143-035-271	Sequence 271, App
252	1174	100.0	1174	15	US-10-147-506-271	Sequence 271, App	325	1174	100.0	1174	15	US-10-145-751-271	Sequence 271, App
253	1174	100.0	1174	15	US-10-147-510-271	Sequence 271, App	326	1174	100.0	1174	15	US-10-145-822-271	Sequence 271, App
254	1174	100.0	1174	15	US-10-147-510-271	Sequence 271, App	327	1174	100.0	1174	15	US-10-145-824-271	Sequence 271, App
255	1174	100.0	1174	15	US-10-147-511-271	Sequence 271, App	328	1174	100.0	1174	15	US-10-145-869-271	Sequence 271, App
256	1174	100.0	1174	15	US-10-147-523-271	Sequence 271, App	329	1174	100.0	1174	15	US-10-145-875-271	Sequence 271, App
257	1174	100.0	1174	15	US-10-152-397-271	Sequence 271, App	330	1174	100.0	1174	15	US-10-145-877-271	Sequence 271, App
258	1174	100.0	1174	15	US-10-153-586-271	Sequence 271, App	331	1174	100.0	1174	15	US-10-145-958-271	Sequence 271, App
259	1174	100.0	1174	15	US-10-158-786-271	Sequence 271, App	332	1174	100.0	1174	15	US-10-146-787-271	Sequence 271, App
260	1174	100.0	1174										

526 1174 100.0 1174 16 US-10-013-923A-329 Sequence 329, App
527 1174 100.0 1174 16 US-10-013-925A-329 Sequence 329, App
528 1174 100.0 1174 16 US-10-013-927A-329 Sequence 329, App
529 1174 100.0 1174 16 US-10-147-528-271 Sequence 271, App
530 1174 100.0 1174 16 US-10-145-093A-329 Sequence 329, App
531 1174 100.0 1174 16 US-10-013-919A-329 Sequence 329, App
532 1174 100.0 1174 16 US-10-013-920A-329 Sequence 329, App
533 1174 100.0 1174 16 US-10-128-692A-271 Sequence 271, App
534 1174 100.0 1174 16 US-10-140-927-271 Sequence 271, App
535 1174 100.0 1174 16 US-10-147-536-271 Sequence 271, App
536 1151.8 98.1 1695 10 US-09-809-391-299 Sequence 299, App
537 1151.8 98.1 1695 10 US-09-882-171-299 Sequence 299, App
538 1151.8 98.1 1695 13 US-10-164-861-299 Sequence 299, App
539 1139.8 97.1 2351 15 US-10-198-846-12491 Sequence 12491, A
540 1103 94.0 1109 10 US-09-822-846-53 Sequence 53, App1
541 1097 93.4 1472 10 US-09-746-783-185 Sequence 185, App
542 1049 89.4 1816 10 US-09-809-391-167 Sequence 167, App
543 1049 89.4 1816 10 US-09-882-171-167 Sequence 167, App
544 1049 89.4 1816 13 US-10-164-861-167 Sequence 167, App
545 974 83.0 1742 17 US-10-641-643-85 Sequence 85, App1

ALIGNMENTS

RESULT 1
US-09-978-295A-329
/ Sequence 329, Application US/09978295A
/ Patent No. US20020156006A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC11
/ CURRENT APPLICATION NUMBER: US/09/978,295A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080334
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/081070
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081049
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081071
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081195
/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081203
/ PRIOR FILING DATE: 1998-04-09
/ PRIOR APPLICATION NUMBER: 60/081229
/ PRIOR FILING DATE: 1998-04-09
/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081817
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081819
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081952
/ PRIOR FILING DATE: 1998-04-15

;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGAGCGGTGGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGAGCGGTGGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGGGGCGCCGAGGGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGGGGCGCCGAGGGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTGCTGTGACATGCGCTTGGCCGGAGGTTGGGGAGCCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTGCTGTGACATGCGCTTGGCCGGAGGTTGGGGAGCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCCGTGTCAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCCGTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTGCAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTGCAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGGGATGATGGAATTCGAACTTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTTGTGAGTTTGGGATGATGGAATTCGAACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAGCATATTCCTTAATCTGTAGTGAACAATATGTCCTGATGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTCCTTAATCTGTAGTGAACAATATGTCCTGATGCCATCTTGGTTGC 420
QY 421 CAGATCAGCTGCCATTCGGTGAACCTGAGACAGAACAACTTATGTCCTGATGCCCAAAA 480
DB 421 CAGATCAGCTGCCATTCGGTGAACCTGAGACAGAACAACTTATGTCCTGATGCCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACCTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCTCTTAACCTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGACATTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGACATTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCCACACATTTGGAGCAGGAGCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCCACACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCCCTCTCTTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGATTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTGATTTGT 840
DB 781 TCTGGGTGATTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTGATTTGT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTCGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTCGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTCAAGATCATGAAGAGCAGGCGCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTCAAGATCATGAAGAGCAGGCGCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCACCTCCATAGACCTTTTAAATGGTTTCATTGGATATAGGCGCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCATAGACCTTTTAAATGGTTTCATTGGATATAGGCGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 2

US-09-978-697-329

; Sequence 329, Application US/09978697

; Patent No. US20020169284A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C27

; CURRENT APPLICATION NUMBER: US/09/978,697

; CURRENT FILING DATE: 2001-10-16

; PRIOR APPLICATION NUMBER: 09/918595

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082568

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081838

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081952

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081819

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAGAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAGAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGACAGAGATGGCGCGCCGACGAGGAGCTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120
DB 61 GGGACAGAGATGGCGCGCCGACGAGGAGCTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120

QY 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTGCGGGACCGCTTCGGGTGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTGCGGGACCGCTTCGGGTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCCTGTGAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGAGAGAGAGTTGTACGCAATGTCTAGAGAGGTTGACAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAGAGAGAGAGTTGTACGCAATGTCTAGAGAGGTTGACAGGCTGTTT 300

QY 301 TCMAATTGTCAGTTGTGTGATGATGGAATTCGACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCMAATTGTCAGTTGTGTGATGATGGAATTCGACTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420

QY 421 CAGAACTAGCTGCCATTCGTGAATCTGAGACAAGAACTAATGCTTATGCTCCGATGCCAAA 480
DB 421 CAGAACTAGCTGCCATTCGTGAATCTGAGACAAGAACTAATGCTTATGCTCCGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCCTAACTCTGGTGGAGTCATTTCTGGAGTACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCCCTAACTCTGGTGGAGTCATTTCTGGAGTACATGATGACTCC 540

QY 541 GCACAGAGCTTCATTAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATTAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCTTACA 660

QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGNAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGNAATTCACAGCG 720

QY 721 CACAGAAATTTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGGAATTTTAACTACAACCTCTCTCTCGGTGATGATGATGCTTGGATTGT 840
DB 781 TCTGGGTGGAATTTTAACTACAACCTCTCTCTCGGTGATGATGATGCTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960

961 GTTGTAGATCTAAACTGAAGATCATGAAGACGAGCGCCCTCTACCTACAAAAGTGAAT 1020
|||||
961 GTTGTAGATCTAAACTGAAGATCATGAAGACGAGCGCCCTCTACCTACAAAAGTGAAT 1020
|||||
1021 CTTGCTCATCTCAAAATTAAGCATTTTCTTTTAAAGACGAAGTGTATAGACATCTAA 1080
|||||
1021 CTTGCTCATCTCAAAATTAAGCATTTTCTTTTAAAGACGAAGTGTATAGACATCTAA 1080
|||||
1081 AATTCCACTCCTCATAGAGCTTTTAAATAGGTTTTCATTCGATATAGGCTTTAAGAAATCA 1140
1081 AATTCCACTCCTCATAGAGCTTTTAAATAGGTTTTCATTCGATATAGGCTTTAAGAAATCA 1140
|||||
1141 CTATTAATCAATTAAGTACTCAAACTGTG 1174
1141 CTATTAATCAATTAAGTACTCAAACTGTG 1174

ESULT 3

S-09-978-192A-329

Sequence 329, Application US/09978192A

Patent No. US2002017753A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flivaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C9

CURRENT APPLICATION NUMBER: US/09/978,192A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

||| PRIOR FILING DATE: 1998-03-12
||| PRIOR APPLICATION NUMBER: 60/078004
||| PRIOR FILING DATE: 1998-03-13
||| PRIOR APPLICATION NUMBER: 60/078886
||| PRIOR FILING DATE: 1998-03-20
||| PRIOR APPLICATION NUMBER: 60/078936
||| PRIOR FILING DATE: 1998-03-20
||| PRIOR APPLICATION NUMBER: 60/078910
||| PRIOR FILING DATE: 1998-03-20
||| PRIOR APPLICATION NUMBER: 60/078939
||| PRIOR FILING DATE: 1998-03-20
||| PRIOR APPLICATION NUMBER: 60/079294
||| PRIOR FILING DATE: 1998-03-25
||| PRIOR APPLICATION NUMBER: 60/079656
||| PRIOR FILING DATE: 1998-03-26
||| PRIOR APPLICATION NUMBER: 60/079664
||| PRIOR FILING DATE: 1998-03-27
||| PRIOR APPLICATION NUMBER: 60/079689
||| PRIOR FILING DATE: 1998-03-27
||| PRIOR APPLICATION NUMBER: 60/079663
||| PRIOR FILING DATE: 1998-03-27
||| PRIOR APPLICATION NUMBER: 60/079728
||| PRIOR FILING DATE: 1998-03-27
||| PRIOR APPLICATION NUMBER: 60/079786
||| PRIOR FILING DATE: 1998-03-27
||| PRIOR APPLICATION NUMBER: 60/079920
||| PRIOR FILING DATE: 1998-03-30
||| PRIOR APPLICATION NUMBER: 60/079923
||| PRIOR FILING DATE: 1998-03-30
||| PRIOR APPLICATION NUMBER: 60/080105
||| PRIOR FILING DATE: 1998-03-31
||| PRIOR APPLICATION NUMBER: 60/080107
||| PRIOR FILING DATE: 1998-03-31
||| PRIOR APPLICATION NUMBER: 60/080165
||| PRIOR FILING DATE: 1998-03-31
||| PRIOR APPLICATION NUMBER: 60/080194
||| PRIOR FILING DATE: 1998-03-31
||| PRIOR APPLICATION NUMBER: 60/080327
||| PRIOR FILING DATE: 1998-04-01
||| PRIOR APPLICATION NUMBER: 60/080328
||| PRIOR FILING DATE: 1998-04-01
||| PRIOR APPLICATION NUMBER: 60/080333
||| PRIOR FILING DATE: 1998-04-01
||| PRIOR APPLICATION NUMBER: 60/080334
||| PRIOR FILING DATE: 1998-04-01
||| PRIOR APPLICATION NUMBER: 60/081070
||| PRIOR FILING DATE: 1998-04-08
||| PRIOR APPLICATION NUMBER: 60/081049
||| PRIOR FILING DATE: 1998-04-08
||| PRIOR APPLICATION NUMBER: 60/081071
||| PRIOR FILING DATE: 1998-04-08
||| PRIOR APPLICATION NUMBER: 60/081195
||| PRIOR FILING DATE: 1998-04-08
||| PRIOR APPLICATION NUMBER: 60/081203
||| PRIOR FILING DATE: 1998-04-09
||| PRIOR APPLICATION NUMBER: 60/081229
||| PRIOR FILING DATE: 1998-04-09
||| PRIOR APPLICATION NUMBER: 60/081955
||| PRIOR FILING DATE: 1998-04-15
||| PRIOR APPLICATION NUMBER: 60/081817
||| PRIOR FILING DATE: 1998-04-15
||| PRIOR APPLICATION NUMBER: 60/081819
||| PRIOR FILING DATE: 1998-04-15
||| PRIOR APPLICATION NUMBER: 60/081952
||| PRIOR FILING DATE: 1998-04-15
||| PRIOR APPLICATION NUMBER: 60/081838
||| PRIOR FILING DATE: 1998-04-15
||| PRIOR APPLICATION NUMBER: 60/082568
||| PRIOR FILING DATE: 1998-04-21
||| PRIOR APPLICATION NUMBER: 60/082569
||| PRIOR FILING DATE: 1998-04-21
||| PRIOR APPLICATION NUMBER: 60/082704
||| PRIOR FILING DATE: 1998-04-22

;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/083666
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGAGCGCTGGGGGAAACCCCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGAGCGCTGGGGGAAACCCCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGGGGCGCCGGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGGGGCGCCGGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTGGGGAGCCCTTCGGTGAAGCA 180
DB 121 CGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTGGGGAGCCCTTCGGTGAAGCA 180
QY 181 TTGTGACTGGGTCTTGGGTGATACGGGCTCTTGGCAAGGGGCTGTGAGTGGACCTTACCC 240
DB 181 TTGTGACTGGGTCTTGGGTGATACGGGCTCTTGGCAAGGGGCTGTGAGTGGACCTTACCC 240
QY 241 TTGCAACACTACCTTAAGGAGGAGTTGTACGCATGTGAGAGGTTGCGAGGCTGTTT 300
DB 241 TTGCAACACTACCTTAAGGAGGAGTTGTACGCATGTGAGAGGTTGCGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGGGTGATGGAATTTGACTTAATTCGAACTAAATGGAATGTGA 360
DB 301 TCAATTTGTCAGTTTGGGTGATGGAATTTGACTTAATTCGAACTAAATGGAATGTGA 360
QY 361 TGTGATGATGAGAGGAGTATTCCTCAATCTGATGAGGAGTTGCGAGGCTGTTT 420
DB 361 TGTGATGATGAGAGGAGTATTCCTCAATCTGATGAGGAGTTGCGAGGCTGTTT 420
QY 421 CAGAATCAGCTGCGCATTCGCTGAATCAGACAAAGAACACTTATGCTGCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCGCATTCGCTGAATCAGACAAAGAACACTTATGCTGCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGTCAATCTGAGTGCATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGTCAATCTGAGTGCATGATGAGCTCC 540
QY 541 GCACAGAGCTTCATAAAGCTCTTCAAGGAGCTTTTATCTTCAAGGCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAAAGCTCTTCAAGGAGCTTTTATCTTCAAGGCGATGACGGAATA 600
QY 601 GTTATATCCAGTCTAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATCCAGTCTAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAAGGATGAGGCTTTTAAAGTGCCTCTCTTAAAC 780
DB 721 CACAGAAATTTCTTGAAGATGGAAGGATGAGGCTTTTAAAGTGCCTCTCTTAAAC 780
QY 781 TCTGGTGGATTTTAACTACAATCTTCTGCTCTGCTGATGATGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAATCTTCTGCTCTGCTGATGATGCTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGAGGAGGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGAGGAGGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGATGAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAGAGATCATGAGAGAGGAGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAGAGATCATGAGAGAGGAGGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 4

US-09-999-832A-329
Sequence 329, Application US/09999832A
Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC63
CURRENT APPLICATION NUMBER: US/09/999,832A
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886

PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22

1	Prior Application Number: 60/082797	QY	1	CGGACGCGTGGGGGAAACCTTCCGAGAAAACAGCAACAGAGCTGAGCTCTGAGCAGAG	60
1	Prior Filing Date: 1998-04-22	DB	1	CGGACGCGTGGGGGAAACCTTCCGAGAAAACAGCAACAGAGCTGAGCTCTGAGCAGAG	60
61	Prior Application Number: 60/083336	QY	61	GGGACAGATGGCGCGCGGAGGAGCCTCTGGTGGAGGAGCCCAACTGGGGCTCCCG	120
61	Prior Filing Date: 1998-04-27	DB	61	GGGACAGATGGCGCGCGGAGGAGCCTCTGGTGGAGGAGCCCAACTGGGGCTCCCG	120
121	Prior Application Number: 60/083392	QY	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
121	Prior Filing Date: 1998-04-29	DB	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
181	Prior Application Number: 60/083496	QY	181	TTTGACTCGGTCTTGGGTGATACGGGTCTTCCGACGGGCTCTGAGTTCAGTTCACCTACCCC	240
181	Prior Filing Date: 1998-04-29	DB	181	TTTGACTCGGTCTTGGGTGATACGGGTCTTCCGACGGGCTCTGAGTTCAGTTCACCTACCCC	240
241	Prior Application Number: 60/083545	QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTCTACGTCATGTCCAGAGAGGTTCCAGGCTGTTT	300
241	Prior Filing Date: 1998-04-29	DB	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTCTACGTCATGTCCAGAGAGGTTCCAGGCTGTTT	300
301	Prior Application Number: 60/083558	QY	301	TCAATTGTCTGATTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAAATGGA	360
301	Prior Filing Date: 1998-04-29	DB	301	TCAATTGTCTGATTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAAATGGA	360
361	Prior Application Number: 60/083500	QY	361	TCTGCATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTC	420
361	Prior Filing Date: 1998-04-29	DB	361	TCTGCATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTC	420
421	Prior Application Number: 60/084366	QY	421	CAGAAATCAGCTGCAATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA	480
421	Prior Filing Date: 1998-05-05	DB	421	CAGAAATCAGCTGCAATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA	480
481	Prior Application Number: 60/084441	QY	481	ATGCACCTACTCTTCCCTCTAACTCTGCTGAGGTCAATTCGAGAGTGAATGATGAGTCC	540
481	Prior Filing Date: 1998-05-06	DB	481	ATGCACCTACTCTTCCCTCTAACTCTGCTGAGGTCAATTCGAGAGTGAATGATGAGTCC	540
541	Prior Application Number: 60/084639	QY	541	GCACAGAGCTTCAATCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAA	600
541	Prior Filing Date: 1998-05-07	DB	541	GCACAGAGCTTCAATCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAA	600
601	Prior Application Number: 60/084598	QY	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTTACA	660
601	Prior Filing Date: 1998-05-07	DB	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTTACA	660
661	Prior Application Number: 60/084600	QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG	720
661	Prior Filing Date: 1998-05-07	DB	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG	720
721	Prior Application Number: 60/085339	QY	721	CACAGGATTTTCTTGAAGATGGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAAC	780
721	Prior Filing Date: 1998-05-13	DB	721	CACAGGATTTTCTTGAAGATGGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAAC	780
781	Prior Application Number: 60/085338	QY	781	TCTGGGTGATTTTAACTACAACTCTTCTCGGTGATGGTATGCTTTGGATTGT	840
781	Prior Filing Date: 1998-05-15	DB	781	TCTGGGTGATTTTAACTACAACTCTTCTCGGTGATGGTATGCTTTGGATTGT	840
841	Prior Application Number: 60/085689	QY	841	TGTGCAATGTTGCTACAGCTGTGGAGCAGATGTTCCCTCTGAGAGCTGAGTATCTAT	900
841	Prior Filing Date: 1998-05-15	DB	841	TGTGCAATGTTGCTACAGCTGTGGAGCAGATGTTCCCTCTGAGAGCTGAGTATCTAT	900
901	Prior Application Number: 60/085579	QY	901	GGTACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
901	Prior Filing Date: 1998-05-15	DB	901	GGTACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
961	Prior Application Number: 60/085573	QY	961	GTGTTAGATCTAAATCTGAAGATCATCAAGACAGGCGCTCTACCTACAAAAGTGAAT	1020
961	Prior Filing Date: 1998-05-15	DB	961	GTGTTAGATCTAAATCTGAAGATCATCAAGACAGGCGCTCTACCTACAAAAGTGAAT	1020
1021	Prior Application Number: 60/085697	QY	1021	CTTGCTCATTTCTGAATTTAAGCAATTTCTTTTAAAGACAGAGTGAATAGACATCTAA	1080
1021	Prior Filing Date: 1998-05-15	DB	1021	CTTGCTCATTTCTGAATTTAAGCAATTTCTTTTAAAGACAGAGTGAATAGACATCTAA	1080

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
DB 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 5

US-09-978-189-329
; Sequence 329, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23

[illegible]

QY 1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174

RESULT 6

US-09-978-608A-329

; Sequence 329, Application US/09978608A

; Publication No. US20030045462A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630PIC22

; CURRENT APPLICATION NUMBER: US/09/978,608A

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 329

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-978-608A-329

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred.No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGCTGTGACAGAG 60

DB 1 CGGACGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCTTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

DB 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCTTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CGCGTGTCTGCTGACCATGSCCTTGGCGGAGCTTGGGGACCGCTTCGGCTGAAGCA 180

DB 121 CGCGTGTCTGCTGACCATGSCCTTGGCGGAGCTTGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTGACTCGGTCTGGGTGATACGGCGTCTTTGCCACCGGGCTGTGAGTTGACCTACCCC 240

DB 181 TTGACTCGGTCTGGGTGATACGGCGTCTTTGCCACCGGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGGAGAGAGTTGACCGATGTCAGAGAGTTGCGAGCTGTTT 300

DB 241 TTGCACACCTACCTAAGGAGAGAGTTGACCGATGTCAGAGAGTTGCGAGCTGTTT 300

RESULT 7

US-09-978-585A-329

; Sequence 329, Application US/09978585A

; Publication No. US20030049633A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P104
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07

Prior Application Number: 60/084598
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084600
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084627
Prior Filing Date: 1998-05-07
Prior Application Number: 60/084643
Prior Filing Date: 1998-05-07
Prior Application Number: 60/085339
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085338
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085323
Prior Filing Date: 1998-05-13
Prior Application Number: 60/085582
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085700
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085689
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085579
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085580
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085573
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085704
Prior Filing Date: 1998-05-15
Prior Application Number: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGAGCGGTGGGGAACCCCTCCAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGAGCGGTGGGGAACCCCTCCAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACAGATGGCGGCGCGGAGGAGGAGCCCTCTGGGTGAGGAGCCCAACTGGGCTCCCG 120
DB 61 GGGACAGATGGCGGCGCGGAGGAGGAGCCCTCTGGGTGAGGAGCCCAACTGGGCTCCCG 120
QY 121 CGGCTGCTGCTGACATGAGCCCTTGGCGGAGGTTGGGGAACCGCTTGGCTGGAAGCA 180
DB 121 CGGCTGCTGCTGACATGAGCCCTTGGCGGAGGTTGGGGAACCGCTTGGCTGGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGCGCTGTGAGTTCAGCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGCGCTGTGAGTTCAGCTACCCC 240
QY 241 TTGACACCTACCTTAAGGAAGAGGTTGTACGATGTGAGAGGTTGAGGCTGTTT 300
DB 241 TTGACACCTACCTTAAGGAAGAGGTTGTACGATGTGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGAATTTGACTTAAATCGAATCGAATTTGGAATGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGAATTTGACTTAAATCGAATCGAATTTGGAATGAA 360
QY 361 TTGCAATGACAGACATATCCCAATCTGATGAGCAATATGCTTGGCAATCTTGGTTC 420
DB 361 TTGCAATGACAGACATATCCCAATCTGATGAGCAATATGCTTGGCAATCTTGGTTC 420
QY 421 CAGAATCAGTGCATTCGCTGACCTGAGACAGAACCACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGTGCATTCGCTGACCTGAGACAGAACCACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACTACTCTTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGATGACTCC 540
DB 481 ATGCACTACTCTTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGATGACTCC 540
QY 541 GCACAGCTTCAACCTCTTACGACTTTTATCTTCAAGCGGATGACGGAATA 600
DB 541 GCACAGCTTCAACCTCTTACGACTTTTATCTTCAAGCGGATGACGGAATA 600

QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGCTTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTTCTCTCTCGGTGATGCTTCTTTGGATTTCT 840
DB 781 TCTGGTGGATTTTAACTACAACTTCTCTCTCGGTGATGCTTCTTTGGATTTCT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGGAAGATCATGAAGAGCAGGCGCTCTACTCAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGGAAGATCATGAAGAGCAGGCGCTCTACTCAAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCACTCTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTAGAGCTTTTAAATGCTTCTTGGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTAGAGCTTTTAAATGCTTCTTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 9
US-09-978-403A-329
; Sequence 329, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07

;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTCGACGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTCGACGAG 60
Qy 61 GGGAAACAAGATGCGCGCGGAGGAGCCCTCGGCTGAGACCACTCGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGGAGGAGCCCTCGGCTGAGACCACTCGGGCTCCCG 120
Qy 121 CGCGTGTGCTGACCAATGCGCTTGGCGGAGGTTGGGGACCCGCTTCGGCTGAGACA 180
Db 121 CGCGTGTGCTGACCAATGCGCTTGGCGGAGGTTGGGGACCCGCTTCGGCTGAGACA 180
Qy 181 TTTGACTCGCTTGGGTGATACGGCTCTGCGACCGGGCTGTGAGTACCTACCC 240
Db 181 TTTGACTCGCTTGGGTGATACGGCTCTGCGACCGGGCTGTGAGTACCTACCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGAGGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAATCGAACTAAATTTGMAATGAA 360
Db 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAATCGAACTAAATTTGMAATGAA 360
Qy 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGATCAGTCCATTCGCTGACCTGAGCAGACACACTTATCTGCTGATGCGCAAA 480
Db 421 CAGATCAGTCCATTCGCTGACCTGAGCAGACACACTTATCTGCTGATGCGCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGTCAATCTGAGTGAATGAGTGCCTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGTCAATCTGAGTGAATGAGTGCCTCC 540
Qy 541 GCACAGGCTTCATACCTCTTCACTGACCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGGCTTCATACCTCTTCACTGACCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660

Qy 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTATCAAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTATCAAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAGATCATGAAGACAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAGATCATGAAGACAGGCGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTTTACTCAAACTCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTTACTCAAACTCTGTG 1174

RESULT 10
US-09-978-564A-329
; Sequence 329, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Luo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C25

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGCGCGCGCGAGAGGAGCCCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGAGAGGAGCCCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120

QY 121 CGGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGGAGCCGCTTGGCTGGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGGAGCCGCTTGGCTGGAAGCA 180

QY 181 TTTGACTCGGCTTGGGTGATACGGGCTTGGCCACCGGGCTGTCAGTTGACCTACCC 240
DB 181 TTTGACTCGGCTTGGGTGATACGGGCTTGGCCACCGGGCTGTCAGTTGACCTACCC 240

QY 241 TTGCACACCTTACCTTAAGCAAGAGGAGTTGTACGATGTCAGAGAGGTTGAGGCTGTT 300
DB 241 TTGCACACCTTACCTTAAGCAAGAGGAGTTGTACGATGTCAGAGAGGTTGAGGCTGTT 300

QY 301 TCAATTTGTGAGTTGCTGATGATGGAATGCAATGCAATGCAATGCAATGCAATGCA 360
DB 301 TCAATTTGTGAGTTGCTGATGATGGAATGCAATGCAATGCAATGCAATGCAATGCA 360

QY 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420
DB 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420

QY 421 CAGAATCAGCTGCTTCCGCTGAACTGAGACAGCAAGCAACCACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCTTCCGCTGAACTGAGACAGCAAGCAACCACTTATGCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTTACTCTGGTGAGGTCAATCTGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTCTCTTACTCTGGTGAGGTCAATCTGAGTGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTTAAGCAGAAATCCAGTACGACACACATTTGGAGCAGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCAGAAATCCAGTACGACACACATTTGGAGCAGAGCTTACA 660

QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTTAAC 780

QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTCGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTCGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGATTTTAACTGAAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGATTTTAACTGAAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTAAACTGGAAGATCATGAAGACAGGCGCTTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGGAAGATCATGAAGACAGGCGCTTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCATCTTGAATTTTAAAGCATTTTCTTTTAAAGCAAGTGAATGATGATGATGAT 1080
DB 1021 CTTGCTCATCTTGAATTTTAAAGCATTTTCTTTTAAAGCAAGTGAATGATGATGATGAT 1080

QY 1081 AATTCACCTCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATTAAGTTTACTCAAACTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTTACTCAAACTGTG 1174

RESULT 11
US-09-999-833A-329
; Sequence 329, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferraro, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey E.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P26301C65
; CURRENT APPLICATION NUMBER: US/09/999,833A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
61 GGGACACAGATGGCGCGCGGAGGGGAGCCCTCGGTGAGGAGCCCACTGGGCTCCCG 120
61 GGGACACAGATGGCGCGCGGAGGGGAGCCCTCGGTGAGGAGCCCACTGGGCTCCCG 120
121 CGGCTGCTGCTGACCACTATGCGCGGAGGTTGCGGAGACCGCTTCGGCTGGAAGCA 180
121 CGGCTGCTGCTGACCACTATGCGCGGAGGTTGCGGAGACCGCTTCGGCTGGAAGCA 180
181 TTGACTCGGCTTGGGTGATACGGGCTTGGCAACCGGCTGTGACCTACCTACCC 240
181 TTGACTCGGCTTGGGTGATACGGGCTTGGCAACCGGCTGTGACCTACCTACCC 240
241 TTGACACCTACCTAAGCAAGAGGAGTTGACGATGTGACGAGGTTGACGAGGTTG 300
241 TTGACACCTACCTAAGCAAGAGGAGTTGACGATGTGACGAGGTTGACGAGGTTG 300
301 TCAATTTGTCAGTTGTGATGATGGAATGATTAATCGAATGGAATGGAATGGA 360
301 TCAATTTGTCAGTTGTGATGATGGAATGATTAATCGAATGGAATGGAATGGA 360
361 TGTGATGTACAGAGCAATATCCCAATCTGATGAGCAATATGCTGCAATCTTGGTTGC 420
361 TGTGATGTACAGAGCAATATCCCAATCTGATGAGCAATATGCTGCAATCTTGGTTGC 420
421 CAGAATCAGTGGCAATTCGCTGACAGCAAGAACTATGTCCTGATGCCAAA 480
421 CAGAATCAGTGGCAATTCGCTGACAGCAAGAACTATGTCCTGATGCCAAA 480
481 ATGCACTACTCTTCTCTAATCTGCTGAGGTCAATCTGAGTGACATGATGAGCTCC 540
481 ATGCACTACTCTTCTCTAATCTGCTGAGGTCAATCTGAGTGACATGATGAGCTCC 540
541 GCACAGCTTCATACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
541 GCACAGCTTCATACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
601 GTTATATCCAGTCTAAGCAGAAATCCAGTACGACCACTATTCGAGCAGGCTTACA 660
601 GTTATATCCAGTCTAAGCAGAAATCCAGTACGACCACTATTCGAGCAGGCTTACA 660
661 AATTGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
661 AATTGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
721 CACAGAAATTTCTTCAAGATGAGAAATGAGTGGCTTTTAAAGATGCTCTCTTAAAC 780
721 CACAGAAATTTCTTCAAGATGAGAAATGAGTGGCTTTTAAAGATGCTCTCTTAAAC 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGATTTGT 840
QY 841 TGTGCACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTTACTCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTTACTCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTATAGAGCTTTTAAATAGTTCATTTGATATAGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCTATAGAGCTTTTAAATAGTTCATTTGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTTACTCAAAATCTGTG 1174

RESULT 12
US-09-981-915A-329
; Sequence 329, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C12
; CURRENT APPLICATION NUMBER: US/09/981,915A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03

1	PRIOR APPLICATION NUMBER: 60/065311
2	PRIOR FILING DATE: 1997-11-13
3	PRIOR APPLICATION NUMBER: 60/066364
4	PRIOR FILING DATE: 1997-11-21
5	PRIOR APPLICATION NUMBER: 60/077450
6	PRIOR FILING DATE: 1998-03-10
7	PRIOR APPLICATION NUMBER: 60/077632
8	PRIOR FILING DATE: 1998-03-11
9	PRIOR APPLICATION NUMBER: 60/077641
10	PRIOR FILING DATE: 1998-03-11
11	PRIOR APPLICATION NUMBER: 60/077649
12	PRIOR FILING DATE: 1998-03-11
13	PRIOR APPLICATION NUMBER: 60/077791
14	PRIOR FILING DATE: 1998-03-12
15	PRIOR APPLICATION NUMBER: 60/078004
16	PRIOR FILING DATE: 1998-03-13
17	PRIOR APPLICATION NUMBER: 60/078886
18	PRIOR FILING DATE: 1998-03-20
19	PRIOR APPLICATION NUMBER: 60/078936
20	PRIOR FILING DATE: 1998-03-20
21	PRIOR APPLICATION NUMBER: 60/078910
22	PRIOR FILING DATE: 1998-03-20
23	PRIOR APPLICATION NUMBER: 60/078939
24	PRIOR FILING DATE: 1998-03-20
25	PRIOR APPLICATION NUMBER: 60/079294
26	PRIOR FILING DATE: 1998-03-25
27	PRIOR APPLICATION NUMBER: 60/079656
28	PRIOR FILING DATE: 1998-03-26
29	PRIOR APPLICATION NUMBER: 60/079664
30	PRIOR FILING DATE: 1998-03-27
31	PRIOR APPLICATION NUMBER: 60/079689
32	PRIOR FILING DATE: 1998-03-27
33	PRIOR APPLICATION NUMBER: 60/079663
34	PRIOR FILING DATE: 1998-03-27
35	PRIOR APPLICATION NUMBER: 60/079728
36	PRIOR FILING DATE: 1998-03-27
37	PRIOR APPLICATION NUMBER: 60/079786
38	PRIOR FILING DATE: 1998-03-27
39	PRIOR APPLICATION NUMBER: 60/079920
40	PRIOR FILING DATE: 1998-03-30
41	PRIOR APPLICATION NUMBER: 60/079923
42	PRIOR FILING DATE: 1998-03-30
43	PRIOR APPLICATION NUMBER: 60/080105
44	PRIOR FILING DATE: 1998-03-31
45	PRIOR APPLICATION NUMBER: 60/080107
46	PRIOR FILING DATE: 1998-03-31
47	PRIOR APPLICATION NUMBER: 60/080165
48	PRIOR FILING DATE: 1998-03-31
49	PRIOR APPLICATION NUMBER: 60/080194
50	PRIOR FILING DATE: 1998-03-31
51	PRIOR APPLICATION NUMBER: 60/080327
52	PRIOR FILING DATE: 1998-04-01
53	PRIOR APPLICATION NUMBER: 60/080328
54	PRIOR FILING DATE: 1998-04-01
55	PRIOR APPLICATION NUMBER: 60/080333
56	PRIOR FILING DATE: 1998-04-01
57	PRIOR APPLICATION NUMBER: 60/080334
58	PRIOR FILING DATE: 1998-04-01
59	PRIOR APPLICATION NUMBER: 60/081070
60	PRIOR FILING DATE: 1998-04-08
61	PRIOR APPLICATION NUMBER: 60/081049
62	PRIOR FILING DATE: 1998-04-08
63	PRIOR APPLICATION NUMBER: 60/081071
64	PRIOR FILING DATE: 1998-04-08
65	PRIOR APPLICATION NUMBER: 60/081195
66	PRIOR FILING DATE: 1998-04-08
67	PRIOR APPLICATION NUMBER: 60/081203
68	PRIOR FILING DATE: 1998-04-09
69	PRIOR APPLICATION NUMBER: 60/081229
70	PRIOR FILING DATE: 1998-04-09
71	PRIOR APPLICATION NUMBER: 60/081955
72	PRIOR FILING DATE: 1998-04-15
73	PRIOR APPLICATION NUMBER: 60/081817

1	PRIOR FILING DATE: 1998-04-15
2	PRIOR APPLICATION NUMBER: 60/081819
3	PRIOR FILING DATE: 1998-04-15
4	PRIOR APPLICATION NUMBER: 60/081952
5	PRIOR FILING DATE: 1998-04-15
6	PRIOR APPLICATION NUMBER: 60/081838
7	PRIOR FILING DATE: 1998-04-15
8	PRIOR APPLICATION NUMBER: 60/082568
9	PRIOR FILING DATE: 1998-04-21
10	PRIOR APPLICATION NUMBER: 60/082569
11	PRIOR FILING DATE: 1998-04-21
12	PRIOR APPLICATION NUMBER: 60/082704
13	PRIOR FILING DATE: 1998-04-22
14	PRIOR APPLICATION NUMBER: 60/082804
15	PRIOR FILING DATE: 1998-04-22
16	PRIOR APPLICATION NUMBER: 60/082700
17	PRIOR FILING DATE: 1998-04-22
18	PRIOR APPLICATION NUMBER: 60/082797
19	PRIOR FILING DATE: 1998-04-22
20	PRIOR APPLICATION NUMBER: 60/082796
21	PRIOR FILING DATE: 1998-04-23
22	PRIOR APPLICATION NUMBER: 60/083336
23	PRIOR FILING DATE: 1998-04-27
24	PRIOR APPLICATION NUMBER: 60/083322
25	PRIOR FILING DATE: 1998-04-28
26	PRIOR APPLICATION NUMBER: 60/083392
27	PRIOR FILING DATE: 1998-04-29
28	PRIOR APPLICATION NUMBER: 60/083495
29	PRIOR FILING DATE: 1998-04-29
30	PRIOR APPLICATION NUMBER: 60/083496
31	PRIOR FILING DATE: 1998-04-29
32	PRIOR APPLICATION NUMBER: 60/083499
33	PRIOR FILING DATE: 1998-04-29
34	PRIOR APPLICATION NUMBER: 60/083545
35	PRIOR FILING DATE: 1998-04-29
36	PRIOR APPLICATION NUMBER: 60/083554
37	PRIOR FILING DATE: 1998-04-29
38	PRIOR APPLICATION NUMBER: 60/083558
39	PRIOR FILING DATE: 1998-04-29
40	PRIOR APPLICATION NUMBER: 60/083559
41	PRIOR FILING DATE: 1998-04-29
42	PRIOR APPLICATION NUMBER: 60/083500
43	PRIOR FILING DATE: 1998-04-29
44	PRIOR APPLICATION NUMBER: 60/083742
45	PRIOR FILING DATE: 1998-04-30
46	PRIOR APPLICATION NUMBER: 60/084366
47	PRIOR FILING DATE: 1998-05-05
48	PRIOR APPLICATION NUMBER: 60/084414
49	PRIOR FILING DATE: 1998-05-06
50	PRIOR APPLICATION NUMBER: 60/084441
51	PRIOR FILING DATE: 1998-05-06
52	PRIOR APPLICATION NUMBER: 60/084637
53	PRIOR FILING DATE: 1998-05-07
54	PRIOR APPLICATION NUMBER: 60/084639
55	PRIOR FILING DATE: 1998-05-07
56	PRIOR APPLICATION NUMBER: 60/084640
57	PRIOR FILING DATE: 1998-05-07
58	PRIOR APPLICATION NUMBER: 60/084598
59	PRIOR FILING DATE: 1998-05-07
60	PRIOR APPLICATION NUMBER: 60/084600
61	PRIOR FILING DATE: 1998-05-07
62	PRIOR APPLICATION NUMBER: 60/084627
63	PRIOR FILING DATE: 1998-05-07
64	PRIOR APPLICATION NUMBER: 60/084643
65	PRIOR FILING DATE: 1998-05-07
66	PRIOR APPLICATION NUMBER: 60/085339
67	PRIOR FILING DATE: 1998-05-13
68	PRIOR APPLICATION NUMBER: 60/085338
69	PRIOR FILING DATE: 1998-05-13
70	PRIOR APPLICATION NUMBER: 60/085323
71	PRIOR FILING DATE: 1998-05-13
72	PRIOR APPLICATION NUMBER: 60/085582
73	PRIOR FILING DATE: 1998-05-15

;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGTGTGACAGAG 60
DB 1 CGGAGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGTGTGACAGAG 60

QY 61 GGGAAACAGATCGCGCGCGCGAGGGGAGCCTCTGGGTGAGGACCAACTGGGCTCCG 120
DB 61 GGGAAACAGATCGCGCGCGCGAGGGGAGCCTCTGGGTGAGGACCAACTGGGCTCCG 120

QY 121 CGGCTGCTGCTGACGACGCGCTTGGCGGAGGTTCCGGGAGCCGCTTCGGCTGAGCA 180
DB 121 CGGCTGCTGCTGACGACGCGCTTGGCGGAGGTTCCGGGAGCCGCTTCGGCTGAGCA 180

QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTTGCCACCGGGCTCTGAGTTGACCTACCC 240
DB 181 TTTGACTCGGTCTGGGTGATACGGCGCTTTGCCACCGGGCTCTGAGTTGACCTACCC 240

QY 241 TTGCAACCTACCTTAAAGAGAGAGGTTGACGATGTGACAGAGTTGACGCTGTTT 300
DB 241 TTGCAACCTACCTTAAAGAGAGAGGTTGACGATGTGACAGAGTTGACGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGATGATGAAATGACATTAATCGAACTAAATGGAATGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGAAATGACATTAATCGAACTAAATGGAATGAA 360

QY 361 TCTGATGTGACAGAGCATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGTGTC 420
DB 361 TCTGATGTGACAGAGCATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGTGTC 420

QY 421 CAGATCAGCTCGCTTGCCTGACGAGCAAGCAACTTATGTCCTGATGCCAAA 480
DB 421 CAGATCAGCTCGCTTGCCTGACGAGCAAGCAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTGGAGTGACATGAGCTCC 540
DB 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTGGAGTGACATGAGCTCC 540

QY 541 GCACAGAGTTTCAATCTCTGAGGCTTTTATCTTCAAGCGGATGAGGAAATA 600
DB 541 GCACAGAGTTTCAATCTCTTCAAGGCTTTTATCTTCAAGCGGATGAGGAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCAGTACGACCACTTTGGAGGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCAGTACGACCACTTTGGAGGAGGCTTACA 660

QY 661 AATTTGAGGATCATCTTAAGCAAAATGCTTCTGCAATGAGAAATTCAGAGCG 720
DB 661 AATTTGAGGATCATCTTAAGCAAAATGCTTCTGCAATGAGAAATTCAGAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGAGAAATGATGGCTTTTAAAGTCCCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGAGAAATGATGGCTTTTAAAGTCCCTCTCTTAAC 780

QY 781 TCTGGTGAATTTAACTACAACTCTTCTCTCGGTGATGATGATGATGATGAT 840
DB 781 TCTGGTGAATTTAACTACAACTCTTCTCTCGGTGATGATGATGATGATGAT 840

RESULT 13

US-09-978-824-329
; Sequence 329, Application US/09978824
; Publication No. US20030055216A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavini, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C14
;; CURRENT APPLICATION NUMBER: US/09/978,824
;; CURRENT FILING DATE: 2001-10-17
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTCTACTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTCTACTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTTCAAAATCTGTG 1174

; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCTTCCGAGAAAAACAGCAACAGCTGAGTGTGTCACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCTTCCGAGAAAAACAGCAACAGCTGAGTGTGTCACAGAG 60

QY 61 GGGACAGATGCGCGCGCGGAGGGAGCCTCTGGGTGAGACCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCTCTGGGTGAGACCCAACTGGGCTCCCG 120

QY 121 CGGCTGCTGCTGACCATGCGCTTGGCCGAGGTTGGGGACCGCTTGGCTGGAAGCA 180
Db 121 CGGCTGCTGCTGACCATGCGCTTGGCCGAGGTTGGGGACCGCTTGGCTGGAAGCA 180

QY 181 TTGACTCGGCTTGGGTGATACGCGCTTGGCCACCGGGCTGTGACCTACCC 240
Db 181 TTGACTCGGCTTGGGTGATACGCGCTTGGCCACCGGGCTGTGACCTACCC 240

QY 241 TTGCACACCTTACCCTAAGCAAGAGGTTGACGATGTGAGAGGTTGAGAGCTGTT 300
Db 241 TTGCACACCTAACCCTAAGCAAGAGGTTGACGATGTGAGAGGTTGAGAGCTGTT 300

QY 301 TCAATTTGTCAGTTTGTGATGATGAAATGATTAATCGAACTAAATGGAATGAA 360
Db 301 TCAATTTGTCAGTTTGTGATGATGAAATGATTAATCGAACTAAATGGAATGAA 360

QY 361 TGTGATGATGACAGCAATATCCCACTGATGAGCAATATGCTTGGCTTGGTTGC 420
Db 361 TGTGATGATGACAGCAATATCCCACTGATGAGCAATATGCTTGGCTTGGTTGC 420

QY 421 CAGAATCAGTGCATTCGCTGATGAGCAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGTGCATTCGCTGATGAGCAAGAACAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGCATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGCATGATGACTCC 540

QY 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGACAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGACAGAGCTTACA 660

QY 661 AATTTCAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCAGAGCG 720
Db 661 AATTTCAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCAGAGCG 720

QY 721 CACAGAAATTTCTGAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTTAAC 780
Db 721 CACAGAAATTTCTGAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTTAAC 780

QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTGGGTGATGATGCTTTGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTGGGTGATGATGCTTTGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGAGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

RESULT 14

US-09-918-585A-329
; Sequence 329, Application US/0918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gottard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C1
; CURRENT APPLICATION NUMBER: US/09/918,585A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960

QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGACAGAGTGTAAAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGACAGAGTGTAAAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTTCATTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTTCATTGATATAGGCTTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTTACTCAATCTG 1174
Db 1141 CTATAAATGCAATAAAGTTTACTCAATCTG 1174

1 PRIOR APPLICATION NUMBER: 60/077649
2 PRIOR FILING DATE: 1998-03-11
3 PRIOR APPLICATION NUMBER: 60/077791
4 PRIOR FILING DATE: 1998-03-12
5 PRIOR APPLICATION NUMBER: 60/078004
6 PRIOR FILING DATE: 1998-03-13
7 PRIOR APPLICATION NUMBER: 60/078886
8 PRIOR FILING DATE: 1998-03-20
9 PRIOR APPLICATION NUMBER: 60/078936
10 PRIOR FILING DATE: 1998-03-20
11 PRIOR APPLICATION NUMBER: 60/078910
12 PRIOR FILING DATE: 1998-03-20
13 PRIOR APPLICATION NUMBER: 60/078939
14 PRIOR FILING DATE: 1998-03-20
15 PRIOR APPLICATION NUMBER: 60/079294
16 PRIOR FILING DATE: 1998-03-25
17 PRIOR APPLICATION NUMBER: 60/079656
18 PRIOR FILING DATE: 1998-03-26
19 PRIOR APPLICATION NUMBER: 60/079664
20 PRIOR FILING DATE: 1998-03-27
21 PRIOR APPLICATION NUMBER: 60/079689
22 PRIOR FILING DATE: 1998-03-27
23 PRIOR APPLICATION NUMBER: 60/079663
24 PRIOR FILING DATE: 1998-03-27
25 PRIOR APPLICATION NUMBER: 60/079728
26 PRIOR FILING DATE: 1998-03-27
27 PRIOR APPLICATION NUMBER: 60/079786
28 PRIOR FILING DATE: 1998-03-27
29 PRIOR APPLICATION NUMBER: 60/079920
30 PRIOR FILING DATE: 1998-03-30
31 PRIOR APPLICATION NUMBER: 60/079923
32 PRIOR FILING DATE: 1998-03-30
33 PRIOR APPLICATION NUMBER: 60/080105
34 PRIOR FILING DATE: 1998-03-31
35 PRIOR APPLICATION NUMBER: 60/080107
36 PRIOR FILING DATE: 1998-03-31
37 PRIOR APPLICATION NUMBER: 60/080165
38 PRIOR FILING DATE: 1998-03-31
39 PRIOR APPLICATION NUMBER: 60/080194
40 PRIOR FILING DATE: 1998-03-31
41 PRIOR APPLICATION NUMBER: 60/080327
42 PRIOR FILING DATE: 1998-04-01
43 PRIOR APPLICATION NUMBER: 60/080328
44 PRIOR FILING DATE: 1998-04-01
45 PRIOR APPLICATION NUMBER: 60/080333
46 PRIOR FILING DATE: 1998-04-01
47 PRIOR APPLICATION NUMBER: 60/080334
48 PRIOR FILING DATE: 1998-04-01
49 PRIOR APPLICATION NUMBER: 60/081070
50 PRIOR FILING DATE: 1998-04-08
51 PRIOR APPLICATION NUMBER: 60/081049
52 PRIOR FILING DATE: 1998-04-08
53 PRIOR APPLICATION NUMBER: 60/081071
54 PRIOR FILING DATE: 1998-04-08
55 PRIOR APPLICATION NUMBER: 60/081195
56 PRIOR FILING DATE: 1998-04-08
57 PRIOR APPLICATION NUMBER: 60/081203
58 PRIOR FILING DATE: 1998-04-09
59 PRIOR APPLICATION NUMBER: 60/081229
60 PRIOR FILING DATE: 1998-04-09
61 PRIOR APPLICATION NUMBER: 60/081955
62 PRIOR FILING DATE: 1998-04-15
63 PRIOR APPLICATION NUMBER: 60/081817
64 PRIOR FILING DATE: 1998-04-15
65 PRIOR APPLICATION NUMBER: 60/081819
66 PRIOR FILING DATE: 1998-04-15
67 PRIOR APPLICATION NUMBER: 60/081952
68 PRIOR FILING DATE: 1998-04-15
69 PRIOR APPLICATION NUMBER: 60/081838
70 PRIOR FILING DATE: 1998-04-15
71 PRIOR APPLICATION NUMBER: 60/082568
72 PRIOR FILING DATE: 1998-04-21
73 PRIOR APPLICATION NUMBER: 60/082569

74 PRIOR FILING DATE: 1998-04-21
75 PRIOR APPLICATION NUMBER: 60/082704
76 PRIOR FILING DATE: 1998-04-22
77 PRIOR APPLICATION NUMBER: 60/082804
78 PRIOR FILING DATE: 1998-04-22
79 PRIOR APPLICATION NUMBER: 60/082700
80 PRIOR FILING DATE: 1998-04-22
81 PRIOR APPLICATION NUMBER: 60/082797
82 PRIOR FILING DATE: 1998-04-22
83 PRIOR APPLICATION NUMBER: 60/082796
84 PRIOR FILING DATE: 1998-04-23
85 PRIOR APPLICATION NUMBER: 60/083336
86 PRIOR FILING DATE: 1998-04-27
87 PRIOR APPLICATION NUMBER: 60/083322
88 PRIOR FILING DATE: 1998-04-28
89 PRIOR APPLICATION NUMBER: 60/083392
90 PRIOR FILING DATE: 1998-04-29
91 PRIOR APPLICATION NUMBER: 60/083495
92 PRIOR FILING DATE: 1998-04-29
93 PRIOR APPLICATION NUMBER: 60/083496
94 PRIOR FILING DATE: 1998-04-29
95 PRIOR APPLICATION NUMBER: 60/083499
96 PRIOR FILING DATE: 1998-04-29
97 PRIOR APPLICATION NUMBER: 60/083545
98 PRIOR FILING DATE: 1998-04-29
99 PRIOR APPLICATION NUMBER: 60/083554
100 PRIOR FILING DATE: 1998-04-29
101 PRIOR APPLICATION NUMBER: 60/083558
102 PRIOR FILING DATE: 1998-04-29
103 PRIOR APPLICATION NUMBER: 60/083559
104 PRIOR FILING DATE: 1998-04-29
105 PRIOR APPLICATION NUMBER: 60/083500
106 PRIOR FILING DATE: 1998-04-29
107 PRIOR APPLICATION NUMBER: 60/083742
108 PRIOR FILING DATE: 1998-04-30
109 PRIOR APPLICATION NUMBER: 60/084366
110 PRIOR FILING DATE: 1998-05-05
111 PRIOR APPLICATION NUMBER: 60/084414
112 PRIOR FILING DATE: 1998-05-06
113 PRIOR APPLICATION NUMBER: 60/084441
114 PRIOR FILING DATE: 1998-05-06
115 PRIOR APPLICATION NUMBER: 60/084637
116 PRIOR FILING DATE: 1998-05-07
117 PRIOR APPLICATION NUMBER: 60/084639
118 PRIOR FILING DATE: 1998-05-07
119 PRIOR APPLICATION NUMBER: 60/084640
120 PRIOR FILING DATE: 1998-05-07
121 PRIOR APPLICATION NUMBER: 60/084598
122 PRIOR FILING DATE: 1998-05-07
123 PRIOR APPLICATION NUMBER: 60/084600
124 PRIOR FILING DATE: 1998-05-07
125 PRIOR APPLICATION NUMBER: 60/084627
126 PRIOR FILING DATE: 1998-05-07
127 PRIOR APPLICATION NUMBER: 60/084643
128 PRIOR FILING DATE: 1998-05-07
129 PRIOR APPLICATION NUMBER: 60/085339
130 PRIOR FILING DATE: 1998-05-13
131 PRIOR APPLICATION NUMBER: 60/085338
132 PRIOR FILING DATE: 1998-05-13
133 PRIOR APPLICATION NUMBER: 60/085323
134 PRIOR FILING DATE: 1998-05-13
135 PRIOR APPLICATION NUMBER: 60/085582
136 PRIOR FILING DATE: 1998-05-15
137 PRIOR APPLICATION NUMBER: 60/085700
138 PRIOR FILING DATE: 1998-05-15
139 PRIOR APPLICATION NUMBER: 60/085689
140 PRIOR FILING DATE: 1998-05-15
141 PRIOR APPLICATION NUMBER: 60/085579
142 PRIOR FILING DATE: 1998-05-15
143 PRIOR APPLICATION NUMBER: 60/085580
144 PRIOR FILING DATE: 1998-05-15
145 PRIOR APPLICATION NUMBER: 60/085573
146 PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086023

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCTGGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGAAACAGATCGCGCGCGGAGGGAGCCCTCTGGGTGAGACCACTGGGCTCCG 120
DB 61 GGGAAACAGATCGCGCGCGGAGGGAGCCCTCTGGGTGAGACCACTGGGCTCCG 120

QY 121 CGGCTCTGCTGTGACCACTTGGCCGAGCTTGGCGGAGCTTGGGAGCCGCTTCGGCTGAAAGCA 180
DB 121 CGGCTCTGCTGTGACCACTTGGCCGAGCTTGGCGGAGCTTGGGAGCCGCTTCGGCTGAAAGCA 180

QY 181 TTGACTCGCTTGGGTGATGAGCGCTTTCGCAACCGGCGCTGTGACCTACCC 240
DB 181 TTGACTCGCTTGGGTGATGAGCGCTTTCGCAACCGGCGCTGTGACCTACCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGATGTGAGAGGTTGCGAGCTGTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGATGTGAGAGGTTGCGAGCTGTT 300

QY 301 TCAATTTGTCAGTTGTGATGATGGAATGATTAATCGAACTAAATTTGGAATGAA 360
DB 301 TCAATTTGTCAGTTGTGATGATGGAATGATTAATCGAACTAAATTTGGAATGAA 360

QY 361 TCTGCATGTACAGAGCATATTCACAACTGATGAGCAATATGTCGCACTTGTGTC 420
DB 361 TCTGCATGTACAGAGCATATTCACAACTGATGAGCAATATGTCGCACTTGTGTC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAACAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAACAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTACTCTGCTGAGTCAATCTGAGTGATCATGAGTCTCC 540
DB 481 ATGCACCTACTCTTCTCTACTCTGCTGAGTCAATCTGAGTGATCATGAGTCTCC 540

QY 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGCTTACA 660

QY 661 AATTTCAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTCAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGAAATTTCTGAGATGAGAGAGTGTGCTTTTAAAGTGCCTCTCTTAAAC 780
DB 721 CACAGAAATTTCTGAGATGAGAGAGTGTGCTTTTAAAGTGCCTCTCTTAAAC 780

QY 781 TCTGGGTGATTTAACTACAACCTTGTCTCTCTCGGTGATGATGCTTTGATTTGT 840
DB 781 TCTGGGTGATTTAACTACAACCTTGTCTCTCTCGGTGATGATGCTTTGATTTGT 840

QY 841 TGTGAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGATTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
DB 901 GGTGACTTGGATTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960

RESULT 15

US-09-978-423A-329
; Sequence 329, Application US/09978423A
; Publication No. US20030069178A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC21
; CURRENT APPLICATION NUMBER: US/09/978,423A
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/085697

```
Query Match      100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0;
```

QY	1	CGGACGCGTGGGGAAACCCCTTCGGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG	60
DB	1	CGGACGCGTGGGGAAACCCCTTCGGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAAACAAGATGCGCGCGCGAGGGGAGCGCTCTGGGTGAGGACCCAACTGCGGGCTCCG	120
DB	61	GGGAAACAAGATGCGCGCGCGAGGGGAGCGCTCTGGGTGAGGACCCAACTGCGGGCTCCG	120
QY	121	CGCTGTGCTGCTGACCAATGCGCCTTTGGCCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA	180
DB	121	CGCTGTGCTGCTGACCAATGCGCCTTTGGCCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCCTTGGGTGATACGGCGCTCTTGGCACCGGCGCTGTCAGTTGACTTACCCC	240
DB	181	TTTGACTCGGTCCTTGGGTGATACGGCGCTCTTGGCACCGGCGCTGTCAGTTGACTTACCCC	240
QY	241	TTGCACACCTACCTTAGGAAGAGAGTTGTACGCATGTACAGAGGTTGACGCTGTTT	300
DB	241	TTGCACACCTACCTTAGGAAGAGAGTTGTACGCATGTACAGAGGTTGACGCTGTTT	300
QY	301	TCAAATTTCTCAGTTTGTGGATGTAGGAATTGACTTAAATCGAACTTAAATTCGAATGTGAA	360
DB	301	TCAAATTTCTCAGTTTGTGGATGTAGGAATTGACTTAAATCGAACTTAAATTCGAATGTGAA	360
QY	361	TTGTGATGTACAGAAGCANATTTCCAACTGTGATGAGCAATATGCTTGGCATCTTGGTTGC	420
DB	361	TTGTGATGTACAGAAGCANATTTCCAACTGTGATGAGCAATATGCTTGGCATCTTGGTTGC	420
QY	421	CAGAATCAGCTGCCATTCGCTTGAACTCAGACAAGAACAACTTATGTCTCCCTGATGCCAAA	480
DB	421	CAGAATCAGCTGCCATTCGCTTGAACTCAGACAAGAACAACTTATGTCTCCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTTTCTCTTAACTCTGGTGAGTCAATCTCGAGTGACATGATGACTCC	540
DB	481	ATGCACCTACTCTTTTCTCTTAACTCTGGTGAGTCAATCTCGAGTGACATGATGACTCC	540
QY	541	GCACAGAGCTCTAAACCTCTTTCATGACCTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
DB	541	GCACAGAGCTCTAAACCTCTTTCATGACCTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGAGCCTACA	660
DB	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGAGCCTACA	660
QY	661	AATTTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
DB	661	AATTTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTTCTTGAGATGGAGAAAGTGATGGCTTTTAAAGATGCGCTCTCTTAAAC	780
DB	721	CACAGGAATTTTCTTGAGATGGAGAAAGTGATGGCTTTTAAAGATGCGCTCTCTTAAAC	780
QY	781	CTCGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGATATGCTTTGGATTTGT	840
DB	781	CTCGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGATATGCTTTGGATTTGT	840
QY	841	TGTGCAACTGTTGCTTACAGCTGTGGAGCAGATGTGTTCCCTCTTGAGAAGCTGAGTATCTAT	900
DB	841	TGTGCAACTGTTGCTTACAGCTGTGGAGCAGATGTGTTCCCTCTTGAGAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAAATGAAACAAAGCTAAACAGATATCCAGTCTTCTCTTG	960
DB	901	GGTGACTTGGAGTTTATGAAATGAAACAAAGCTAAACAGATATCCAGTCTTCTCTTG	960
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
DB	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020

RESULT 16

US-09-978-193A-329
; Sequence 329, Application US/09978193A
; Publication No. US20030073624A1

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Pilvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C6
CURRENT APPLICATION NUMBER: US/09/978,193A
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 09/918895
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700

PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAG 60
DB 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAG 60
QY 61 GGGAAACAAGATGGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCCCACTAGGGGCTCCG 120
DB 61 GGGAAACAAGATGGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCCCACTAGGGGCTCCG 120
QY 121 CGCTGCTGCTGACCATGCGCTTGGCGGAGCGCTTGGCGGAGCGCTTGGCGGAGCG 180
DB 121 CGCTGCTGCTGACCATGCGCTTGGCGGAGCGCTTGGCGGAGCGCTTGGCGGAGCG 180
QY 181 TTTGACTCGGTCTTGGGTGATACGCGCTTGGCGGAGCGCTTGGCGGAGCGCTTGGCGGAGCG 240
DB 181 TTTGACTCGGTCTTGGGTGATACGCGCTTGGCGGAGCGCTTGGCGGAGCGCTTGGCGGAGCG 240
QY 241 TTGCAACCTTACCTTAAGGAAGAGGAGTTGACGATGTGACGATGTGACGATGTGACGATGTG 300
DB 241 TTGCAACCTTACCTTAAGGAAGAGGAGTTGACGATGTGACGATGTGACGATGTGACGATGTG 300
QY 301 TCAATTTGTGCTGATGATGGAATGCACTTAAATGCACTTAAATGCACTTAAATGCACTTAA 360
DB 301 TCAATTTGTGCTGATGATGGAATGCACTTAAATGCACTTAAATGCACTTAAATGCACTTAA 360
QY 361 TCTGCTGCTGACGACGATATCCCAATGATGACGATATGCTTGGCATCTTGGTTC 420
DB 361 TCTGCTGCTGACGACGATATCCCAATGATGACGATATGCTTGGCATCTTGGTTC 420
QY 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
DB 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
QY 481 ATGCACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
DB 481 ATGCACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
QY 541 GCACAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
DB 541 GCACAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
QY 601 GTTATATTCAGTCTAAGCAAGATTCAGTCTAAGCAAGATTCAGTCTAAGCAAGATTCAG 660
DB 601 GTTATATTCAGTCTAAGCAAGATTCAGTCTAAGCAAGATTCAGTCTAAGCAAGATTCAG 660
QY 661 AATTTGAGAGATCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 720
DB 661 AATTTGAGAGATCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 720
QY 721 CACAGAAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 780
DB 721 CACAGAAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 780
QY 781 TCTGGTGGATTTAACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 840
DB 781 TCTGGTGGATTTAACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 840
QY 841 TGTGCACTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 900
DB 841 TGTGCACTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 900
QY 901 GGTGACTTGGATTTATGAATGAACAAAGCTAAGCAAGATTCAGTCTTCTTCTTCTTCTTCT 960
DB 901 GGTGACTTGGATTTATGAATGAACAAAGCTAAGCAAGATTCAGTCTTCTTCTTCTTCTTCT 960
QY 961 GTTGTGAGATCTTAACTGAGATCATGAGAGAGCGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1020
DB 961 GTTGTGAGATCTTAACTGAGATCATGAGAGAGCGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1020
QY 1021 CTTGCTCATCTGAAATTAAGCAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1080
DB 1021 CTTGCTCATCTGAAATTAAGCAATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1080

RESULT 17

US-09-999-830A-329
; Sequence 329, Application US/09999830A
; Publication No. US2003007700A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C70
; CURRENT APPLICATION NUMBER: US/09/999,830A
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174
DB 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174

1 PRIOR APPLICATION NUMBER: 60/078910
2 PRIOR FILING DATE: 1998-03-20
3 PRIOR APPLICATION NUMBER: 60/078939
4 PRIOR FILING DATE: 1998-03-20
5 PRIOR APPLICATION NUMBER: 60/079294
6 PRIOR FILING DATE: 1998-03-25
7 PRIOR APPLICATION NUMBER: 60/079656
8 PRIOR FILING DATE: 1998-03-26
9 PRIOR APPLICATION NUMBER: 60/079664
10 PRIOR FILING DATE: 1998-03-27
11 PRIOR APPLICATION NUMBER: 60/079689
12 PRIOR FILING DATE: 1998-03-27
13 PRIOR APPLICATION NUMBER: 60/079663
14 PRIOR FILING DATE: 1998-03-27
15 PRIOR APPLICATION NUMBER: 60/079728
16 PRIOR FILING DATE: 1998-03-27
17 PRIOR APPLICATION NUMBER: 60/079786
18 PRIOR FILING DATE: 1998-03-27
19 PRIOR APPLICATION NUMBER: 60/079920
20 PRIOR FILING DATE: 1998-03-30
21 PRIOR APPLICATION NUMBER: 60/079923
22 PRIOR FILING DATE: 1998-03-30
23 PRIOR APPLICATION NUMBER: 60/080105
24 PRIOR FILING DATE: 1998-03-31
25 PRIOR APPLICATION NUMBER: 60/080107
26 PRIOR FILING DATE: 1998-03-31
27 PRIOR APPLICATION NUMBER: 60/080165
28 PRIOR FILING DATE: 1998-03-31
29 PRIOR APPLICATION NUMBER: 60/080194
30 PRIOR FILING DATE: 1998-03-31
31 PRIOR APPLICATION NUMBER: 60/080327
32 PRIOR FILING DATE: 1998-04-01
33 PRIOR APPLICATION NUMBER: 60/080328
34 PRIOR FILING DATE: 1998-04-01
35 PRIOR APPLICATION NUMBER: 60/080333
36 PRIOR FILING DATE: 1998-04-01
37 PRIOR APPLICATION NUMBER: 60/080334
38 PRIOR FILING DATE: 1998-04-01
39 PRIOR APPLICATION NUMBER: 60/081070
40 PRIOR FILING DATE: 1998-04-08
41 PRIOR APPLICATION NUMBER: 60/081049
42 PRIOR FILING DATE: 1998-04-08
43 PRIOR APPLICATION NUMBER: 60/081071
44 PRIOR FILING DATE: 1998-04-08
45 PRIOR APPLICATION NUMBER: 60/081195
46 PRIOR FILING DATE: 1998-04-08
47 PRIOR APPLICATION NUMBER: 60/081203
48 PRIOR FILING DATE: 1998-04-09
49 PRIOR APPLICATION NUMBER: 60/081229
50 PRIOR FILING DATE: 1998-04-09
51 PRIOR APPLICATION NUMBER: 60/081955
52 PRIOR FILING DATE: 1998-04-15
53 PRIOR APPLICATION NUMBER: 60/081817
54 PRIOR FILING DATE: 1998-04-15
55 PRIOR APPLICATION NUMBER: 60/081819
56 PRIOR FILING DATE: 1998-04-15
57 PRIOR APPLICATION NUMBER: 60/081952
58 PRIOR FILING DATE: 1998-04-15
59 PRIOR APPLICATION NUMBER: 60/081838
60 PRIOR FILING DATE: 1998-04-15
61 PRIOR APPLICATION NUMBER: 60/082568
62 PRIOR FILING DATE: 1998-04-21
63 PRIOR APPLICATION NUMBER: 60/082569
64 PRIOR FILING DATE: 1998-04-21
65 PRIOR APPLICATION NUMBER: 60/082704
66 PRIOR FILING DATE: 1998-04-22
67 PRIOR APPLICATION NUMBER: 60/082804
68 PRIOR FILING DATE: 1998-04-22
69 PRIOR APPLICATION NUMBER: 60/082700
70 PRIOR FILING DATE: 1998-04-22
71 PRIOR APPLICATION NUMBER: 60/082797
72 PRIOR FILING DATE: 1998-04-22
73 PRIOR APPLICATION NUMBER: 60/082796

1 PRIOR FILING DATE: 1998-04-23
2 PRIOR APPLICATION NUMBER: 60/083336
3 PRIOR FILING DATE: 1998-04-27
4 PRIOR APPLICATION NUMBER: 60/083322
5 PRIOR FILING DATE: 1998-04-28
6 PRIOR APPLICATION NUMBER: 60/083392
7 PRIOR FILING DATE: 1998-04-29
8 PRIOR APPLICATION NUMBER: 60/083495
9 PRIOR FILING DATE: 1998-04-29
10 PRIOR APPLICATION NUMBER: 60/083496
11 PRIOR FILING DATE: 1998-04-29
12 PRIOR APPLICATION NUMBER: 60/083499
13 PRIOR FILING DATE: 1998-04-29
14 PRIOR APPLICATION NUMBER: 60/083545
15 PRIOR FILING DATE: 1998-04-29
16 PRIOR APPLICATION NUMBER: 60/083554
17 PRIOR FILING DATE: 1998-04-29
18 PRIOR APPLICATION NUMBER: 60/083558
19 PRIOR FILING DATE: 1998-04-29
20 PRIOR APPLICATION NUMBER: 60/083559
21 PRIOR FILING DATE: 1998-04-29
22 PRIOR APPLICATION NUMBER: 60/083500
23 PRIOR FILING DATE: 1998-04-29
24 PRIOR APPLICATION NUMBER: 60/083742
25 PRIOR FILING DATE: 1998-04-30
26 PRIOR APPLICATION NUMBER: 60/084366
27 PRIOR FILING DATE: 1998-05-05
28 PRIOR APPLICATION NUMBER: 60/084414
29 PRIOR FILING DATE: 1998-05-06
30 PRIOR APPLICATION NUMBER: 60/084441
31 PRIOR FILING DATE: 1998-05-06
32 PRIOR APPLICATION NUMBER: 60/084637
33 PRIOR FILING DATE: 1998-05-07
34 PRIOR APPLICATION NUMBER: 60/084639
35 PRIOR FILING DATE: 1998-05-07
36 PRIOR APPLICATION NUMBER: 60/084640
37 PRIOR FILING DATE: 1998-05-07
38 PRIOR APPLICATION NUMBER: 60/084598
39 PRIOR FILING DATE: 1998-05-07
40 PRIOR APPLICATION NUMBER: 60/084600
41 PRIOR FILING DATE: 1998-05-07
42 PRIOR APPLICATION NUMBER: 60/084627
43 PRIOR FILING DATE: 1998-05-07
44 PRIOR APPLICATION NUMBER: 60/084643
45 PRIOR FILING DATE: 1998-05-07
46 PRIOR APPLICATION NUMBER: 60/085339
47 PRIOR FILING DATE: 1998-05-13
48 PRIOR APPLICATION NUMBER: 60/085338
49 PRIOR FILING DATE: 1998-05-13
50 PRIOR APPLICATION NUMBER: 60/085323
51 PRIOR FILING DATE: 1998-05-13
52 PRIOR APPLICATION NUMBER: 60/085582
53 PRIOR FILING DATE: 1998-05-15
54 PRIOR APPLICATION NUMBER: 60/085700
55 PRIOR FILING DATE: 1998-05-15
56 PRIOR APPLICATION NUMBER: 60/085689
57 PRIOR FILING DATE: 1998-05-15
58 PRIOR APPLICATION NUMBER: 60/085579
59 PRIOR FILING DATE: 1998-05-15
60 PRIOR APPLICATION NUMBER: 60/085580
61 PRIOR FILING DATE: 1998-05-15
62 PRIOR APPLICATION NUMBER: 60/085573
63 PRIOR FILING DATE: 1998-05-15
64 PRIOR APPLICATION NUMBER: 60/085704
65 PRIOR FILING DATE: 1998-05-15
66 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGACGCGTGGGGAAACCTTCGAGAAACACAACTGCTGCTGACAGAG 60

QY

1 PRIOR APPLICATION NUMBER: 60/079294
2 PRIOR FILING DATE: 1998-03-25
3 PRIOR APPLICATION NUMBER: 60/079656
4 PRIOR FILING DATE: 1998-03-26
5 PRIOR APPLICATION NUMBER: 60/079664
6 PRIOR FILING DATE: 1998-03-27
7 PRIOR APPLICATION NUMBER: 60/079689
8 PRIOR FILING DATE: 1998-03-27
9 PRIOR APPLICATION NUMBER: 60/079663
10 PRIOR FILING DATE: 1998-03-27
11 PRIOR APPLICATION NUMBER: 60/079728
12 PRIOR FILING DATE: 1998-03-27
13 PRIOR APPLICATION NUMBER: 60/079786
14 PRIOR FILING DATE: 1998-03-27
15 PRIOR APPLICATION NUMBER: 60/079920
16 PRIOR FILING DATE: 1998-03-30
17 PRIOR APPLICATION NUMBER: 60/079923
18 PRIOR FILING DATE: 1998-03-30
19 PRIOR APPLICATION NUMBER: 60/080105
20 PRIOR FILING DATE: 1998-03-31
21 PRIOR APPLICATION NUMBER: 60/080107
22 PRIOR FILING DATE: 1998-03-31
23 PRIOR APPLICATION NUMBER: 60/080165
24 PRIOR FILING DATE: 1998-03-31
25 PRIOR APPLICATION NUMBER: 60/080194
26 PRIOR FILING DATE: 1998-03-31
27 PRIOR APPLICATION NUMBER: 60/080327
28 PRIOR FILING DATE: 1998-04-01
29 PRIOR APPLICATION NUMBER: 60/080328
30 PRIOR FILING DATE: 1998-04-01
31 PRIOR APPLICATION NUMBER: 60/080333
32 PRIOR FILING DATE: 1998-04-01
33 PRIOR APPLICATION NUMBER: 60/080334
34 PRIOR FILING DATE: 1998-04-01
35 PRIOR APPLICATION NUMBER: 60/081070
36 PRIOR FILING DATE: 1998-04-08
37 PRIOR APPLICATION NUMBER: 60/081049
38 PRIOR FILING DATE: 1998-04-08
39 PRIOR APPLICATION NUMBER: 60/081071
40 PRIOR FILING DATE: 1998-04-08
41 PRIOR APPLICATION NUMBER: 60/081195
42 PRIOR FILING DATE: 1998-04-08
43 PRIOR APPLICATION NUMBER: 60/081203
44 PRIOR FILING DATE: 1998-04-09
45 PRIOR APPLICATION NUMBER: 60/081229
46 PRIOR FILING DATE: 1998-04-09
47 PRIOR APPLICATION NUMBER: 60/081955
48 PRIOR FILING DATE: 1998-04-15
49 PRIOR APPLICATION NUMBER: 60/081817
50 PRIOR FILING DATE: 1998-04-15
51 PRIOR APPLICATION NUMBER: 60/081819
52 PRIOR FILING DATE: 1998-04-15
53 PRIOR APPLICATION NUMBER: 60/081952
54 PRIOR FILING DATE: 1998-04-15
55 PRIOR APPLICATION NUMBER: 60/081838
56 PRIOR FILING DATE: 1998-04-15
57 PRIOR APPLICATION NUMBER: 60/082568
58 PRIOR FILING DATE: 1998-04-21
59 PRIOR APPLICATION NUMBER: 60/082569
60 PRIOR FILING DATE: 1998-04-21
61 PRIOR APPLICATION NUMBER: 60/082704
62 PRIOR FILING DATE: 1998-04-22
63 PRIOR APPLICATION NUMBER: 60/082804
64 PRIOR FILING DATE: 1998-04-22
65 PRIOR APPLICATION NUMBER: 60/082700
66 PRIOR FILING DATE: 1998-04-22
67 PRIOR APPLICATION NUMBER: 60/082797
68 PRIOR FILING DATE: 1998-04-22
69 PRIOR APPLICATION NUMBER: 60/082796
70 PRIOR FILING DATE: 1998-04-23
71 PRIOR APPLICATION NUMBER: 60/083336
72 PRIOR FILING DATE: 1998-04-27
73 PRIOR APPLICATION NUMBER: 60/083322

1 PRIOR FILING DATE: 1998-04-28
2 PRIOR APPLICATION NUMBER: 60/083392
3 PRIOR FILING DATE: 1998-04-29
4 PRIOR APPLICATION NUMBER: 60/083495
5 PRIOR FILING DATE: 1998-04-29
6 PRIOR APPLICATION NUMBER: 60/083496
7 PRIOR FILING DATE: 1998-04-29
8 PRIOR APPLICATION NUMBER: 60/083499
9 PRIOR FILING DATE: 1998-04-29
10 PRIOR APPLICATION NUMBER: 60/083545
11 PRIOR FILING DATE: 1998-04-29
12 PRIOR APPLICATION NUMBER: 60/083554
13 PRIOR FILING DATE: 1998-04-29
14 PRIOR APPLICATION NUMBER: 60/083558
15 PRIOR FILING DATE: 1998-04-29
16 PRIOR APPLICATION NUMBER: 60/083559
17 PRIOR FILING DATE: 1998-04-29
18 PRIOR APPLICATION NUMBER: 60/083500
19 PRIOR FILING DATE: 1998-04-29
20 PRIOR APPLICATION NUMBER: 60/083742
21 PRIOR FILING DATE: 1998-04-30
22 PRIOR APPLICATION NUMBER: 60/084366
23 PRIOR FILING DATE: 1998-05-05
24 PRIOR APPLICATION NUMBER: 60/084414
25 PRIOR FILING DATE: 1998-05-06
26 PRIOR APPLICATION NUMBER: 60/084441
27 PRIOR FILING DATE: 1998-05-06
28 PRIOR APPLICATION NUMBER: 60/084637
29 PRIOR FILING DATE: 1998-05-07
30 PRIOR APPLICATION NUMBER: 60/084639
31 PRIOR FILING DATE: 1998-05-07
32 PRIOR APPLICATION NUMBER: 60/084640
33 PRIOR FILING DATE: 1998-05-07
34 PRIOR APPLICATION NUMBER: 60/084598
35 PRIOR FILING DATE: 1998-05-07
36 PRIOR APPLICATION NUMBER: 60/084600
37 PRIOR FILING DATE: 1998-05-07
38 PRIOR APPLICATION NUMBER: 60/084627
39 PRIOR FILING DATE: 1998-05-07
40 PRIOR APPLICATION NUMBER: 60/084643
41 PRIOR FILING DATE: 1998-05-07
42 PRIOR APPLICATION NUMBER: 60/085339
43 PRIOR FILING DATE: 1998-05-13
44 PRIOR APPLICATION NUMBER: 60/085338
45 PRIOR FILING DATE: 1998-05-13
46 PRIOR APPLICATION NUMBER: 60/085323
47 PRIOR FILING DATE: 1998-05-13
48 PRIOR APPLICATION NUMBER: 60/085582
49 PRIOR FILING DATE: 1998-05-15
50 PRIOR APPLICATION NUMBER: 60/085700
51 PRIOR FILING DATE: 1998-05-15
52 PRIOR APPLICATION NUMBER: 60/085689
53 PRIOR FILING DATE: 1998-05-15
54 PRIOR APPLICATION NUMBER: 60/085579
55 PRIOR FILING DATE: 1998-05-15
56 PRIOR APPLICATION NUMBER: 60/085580
57 PRIOR FILING DATE: 1998-05-15
58 PRIOR APPLICATION NUMBER: 60/085573
59 PRIOR FILING DATE: 1998-05-15
60 PRIOR APPLICATION NUMBER: 60/085704
61 PRIOR FILING DATE: 1998-05-15
62 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCCCGAGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

Db 61 GGGAAACAGATGCGGCGCCGAGGAGGAGCTCTGGTGAAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCACTGCGCTTGGCGAGAGCTGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCACTGCGCTTGGCGAGAGCTGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTCGCCACCGGCGCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTCGCCACCGGCGCTGTCACTGACCTACCCC 240
Qy 241 TTTGACACCTACCTTGAAGAGAGAGTTGTACGATGTCAGAGAGTTGAGAGCTGTT 300
Db 241 TTTGACACCTACCTTGAAGAGAGAGTTGTACGATGTCAGAGAGTTGAGAGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGATATTTCCCAATCTGTATGAGCATATGCTTGCATTTGGTTGC 420
Db 361 TCTGCATGTACAGAGATATTTCCCAATCTGTATGAGCATATGCTTGCATTTGGTTGC 420
Qy 421 CAGAATCAGCTGCATTCGCTGAATCGAGCAAGAACAACTTATCTCCTGTATGCAAAA 480
Db 421 CAGAATCAGCTGCATTCGCTGAATCGAGCAAGAACAACTTATCTCCTGTATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTTAATCTGTGAGTGATCTGAGTGATGATGAGTCTCC 540
Db 481 ATGCACCTACTCTTCTCTTAATCTGTGAGTGATCTGAGTGATGATGAGTCTCC 540
Qy 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTTAAGCAGAAATTCAGTAGCAGCAACATTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCAGAAATTCAGTAGCAGCAACATTTGGAGCAGAGCTTACA 660
Qy 661 AATTGAGAGATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTCTTGAAGTGAAGAGTATGCTTTTGAAGTGGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGTGAAGAGTATGCTTTTGAAGTGGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGATTTTAACTAACAATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
Db 781 TCTGGGTGATTTTAACTAACAATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGAGTTTATGATGACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG 960
Db 901 GGTGACTGAGTTTATGATGACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG 960
Qy 961 GTTCTTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTCTTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAGAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAGAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCACTTGAATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCACTTGAATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 19

US-09-978-187B-329
; Sequence 329, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PICS
; CURRENT APPLICATION NUMBER: US/09/978,187B
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26

Db 361 TCTGATGTCAGAGAGCATATTCCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTGCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTGCTGATGCCAAA 480
QY 481 ATGACCTACTCTTCCCTCACTCTGCTGAGGTCATCTGAGTGCATGATGAGACTCC 540
Db 481 ATGACCTACTCTTCCCTCACTCTGCTGAGGTCATCTGAGTGCATGATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAAGCGAATCCAGTACGACAGATTTGGAGAGGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCGAATCCAGTACGACAGATTTGGAGAGGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTGAAGATGGAAGAGTATGCTCTTCAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAAGATGGAAGAGTATGCTCTTCAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTGCTCTCTCGGTGATGTTATGCTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTGCTCTCTCGGTGATGTTATGCTTGGATTGT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGATCTAT 900
Db 841 TGTGCACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTCTCTCTTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTCTCTCTTTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCTCTPACTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCTCTPACTACAAAGTGAAT 1020
QY 1021 CTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Db 1021 CTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATPAGAGCTTTTAAATGTTTCTTATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATPAGAGCTTTTAAATGTTTCTTATGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 21
US-09-978-375A-329
; Sequence 329, Application US/0978375A
; Publication NO. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-375A-329
Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGAGCAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGAGCAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGGCTCTGGTGAAGACCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGCGAAGGGGAGGCTCTGGTGAAGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTGCTGTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAGCA 180
Db 121 CCGTGTGCTGTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATAGGGCTTTGCCACCGGGCTGTGAGTTGACTACCC 240
Db 181 TTTGACTCGGCTTGGGTGATAGGGCTTTGCCACCGGGCTGTGAGTTGACTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGAA 360
QY 361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTGCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTGCTGATGCCAAA 480
QY 481 ATGACCTACTCTTCCCTCACTCTGCTGAGGTCATCTGAGTGCATGATGAGACTCC 540
Db 481 ATGACCTACTCTTCCCTCACTCTGCTGAGGTCATCTGAGTGCATGATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAAGCGAATCCAGTACGACAGATTTGGAGAGGCTTACA 660

Db 601 GTTATATCCAGTCTTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGACGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTGAGATGAGAGAGATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGAGAGAGATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTCTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTCTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGCTCATCTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTGCTCATCTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTTAATAAATGCAATTAAGTCTACTCAATCTGTG 1174
Db 1141 CTTAATAAATGCAATTAAGTCTACTCAATCTGTG 1174

RESULT 22
US-09-978-299a-329
; Sequence 329, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630F1C2
; CURRENT APPLICATION NUMBER: US/09/978,298A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079655
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08

;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643

;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCTTCGAGAGAAACAGACAAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCTGGGGGAAACCTTCGAGAGAAACAGACAAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGTGACCATGCGCTTGGCCCGGAGGTTGCGGGACCGCTTGGCTGAGAGCA 180
DB 121 CGGCTGCTGCTGTGACCATGCGCTTGGCCCGGAGGTTGCGGGACCGCTTGGCTGAGAGCA 180
QY 181 TTTGACTCGGCTCTGGGTGATACGGCGCTTTGCCACCGGGGCTGTGAGTTGACCTACCC 240
DB 181 TTTGACTCGGCTCTGGGTGATACGGCGCTTTGCCACCGGGGCTGTGAGTTGACCTACCC 240
QY 241 TTGCAACCTACCTTAAGGAGAGAGGTTGACGATGTACGATGTACAGAGGTTGAGGCTGTTT 300
DB 241 TTGCAACCTACCTTAAGGAGAGAGGTTGACGATGTACGATGTACAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGGAATTCACCTTAAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGGAATTCACCTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCAATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
DB 361 TCTGCAATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
QY 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAGAACTTATGTCCTCCGATGCCAAA 480
DB 421 CAGAACTAGCTGCCATTCGCTGAACTGAGACAGAACTTATGTCCTCCGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTTAACCTCTGCTGAGGTCATTCTCGAGTGACATGAGACTCC 540
DB 481 ATGCACCTACTCTTTCCCTTAACCTCTGCTGAGGTCATTCTCGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCGGATGAGGAAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCGGATGAGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTTGGAGCAGAGCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTTGGAGCAGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGAAATGAGAAATTCACAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGAAATGAGAAATTCACAGCG 720

;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338

;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGGCTCCCG 120
QY 121 CGGCTGCTGTGTGACCATGGCCTTGGCGGAGGTTGGGGGACCGCTTCGGTGGTGAAGCA 180
DB 121 CGGCTGCTGTGTGACCATGGCCTTGGCGGAGGTTGGGGGACCGCTTCGGTGGTGAAGCA 180
QY 181 TTTGACTCGGTCTGGGTGATAGGGCTCTTGCACCGGGCCCTGTCAGTTGACTTACCTCC 240
DB 181 TTTGACTCGGTCTGGGTGATAGGGCTCTTGCACCGGGCCCTGTCAGTTGACTTACCTCC 240
QY 241 TTGCACACCTACCCCTAAGGAGGAGGATTTGTACGCAATGTGACAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAGGAGGATTTGTACGCAATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGGGATGATGGAAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTTGTGAGTTTGGGATGATGGAAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATCTTCCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTTCGCTGAACTGAGCAAGAACCACTTATGTCCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTTCGCTGAACTGAGCAAGAACCACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATTTCTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCCCTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAGGATGGGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GTTGACTTGGATTTATGAATCAACAAAGCTTAACACATATCCAGTCTTCTCTCTGTG 960
Db 901 GTTGACTTGGATTTATGAATCAACAAAGCTTAACACATATCCAGTCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAATCATGAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAATCATGAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAATTTAAAGCTTTCTTTTAAAGACAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAATTTAAAGCTTTCTTTTAAAGACAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGCTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGCTTACTCAATCTGTG 1174

RESULT 24

US-09-978-681A-329
; Sequence 329, Application US/09978681A
; Publication No. US20030195148A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC18
; CURRENT APPLICATION NUMBER: US/09/978,681A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15

;; PRIOR APPLICATION NUMBER: 60/081917
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081919
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081938
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGAGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGAGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTCCACCGGGCCTGTCACTTGAATGTGAA 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTCCACCGGGCCTGTCACTTGAATGTGAA 240
QY 241 TTGCACACTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTTCAGGCTGTGTT 300
DB 241 TTGCACACTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTTCAGGCTGTGTT 300
QY 301 TCAATTTGTCAATTTGTGGATGATGAAATTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTCAATTTGTGGATGATGAAATTAATCGAACTAAATGGAATGTGAA 360
QY 361 TGTGATGTACAGAGCATATTCCTCAATCTGTGATGAGCAATATGCTTGCATCTTGGTTC 420
DB 361 TGTGATGTACAGAGCATATTCCTCAATCTGTGATGAGCAATATGCTTGCATCTTGGTTC 420
QY 421 CAGATCAGCTGCCATTTCGCTGAACTGAGACAGAACCACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGATCAGCTGCCATTTCGCTGAACTGAGACAGAACCACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCCTTAATCTCTGGTGAAGTCACTTGGAGTGACATGTGAGTCC 540
DB 481 ATGCACCTACTCTTTTCCTTAATCTCTGGTGAAGTCACTTGGAGTGACATGTGAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAAGATGAGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGGAAGATGAGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCGTGTGATGTATGCTTGTGATTTGT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCGTGTGATGTATGCTTGTGATTTGT 840

Db 781 TCTGGGTGGATTTAACTACAACTCTTGTCCTCTCGGTGATCGGTATTCGTTTGGATTTGT 840
Qy 841 TGTGCAACTTCTGCTACAGCTGTGAGCAGTAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTTCTGCTACAGCTGTGAGCAGTAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGATTTATGATGACAAAGCTTAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGATTTATGATGACAAAGCTTAACAGATATCCAGCTTCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCGCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCGCTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 25

US-09-978-194A-329
; Sequence 329, Application US/09978194A
; Publication No. US20030195333A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C10
; CURRENT APPLICATION NUMBER: US/09/978,194A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAGATGGCGCGCCGAGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGCGCCGAGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGCTGAAGCA 180

QY 181 TTTCACTCGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCGCTGTGAGTTGACCTTAC 240
DB 181 TTTCACTCGGTCTTGGGTGATACGGGCTCTTGGCCACCGGCGCTGTGAGTTGACCTTAC 240

QY 241 TTGCACACCTACCTAAGGAGGAGGTTGTACGCATGTGACGAGAGTTGCGAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAGGAGGAGGTTGTACGCATGTGACGAGAGTTGCGAGGCTGTTT 300

QY 301 TCAATTTGTGAGTTTGTGATGATGAAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTGAGTTTGTGATGATGAAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTCATGTACGAGAGCATATTCCTATCTGATGAGCAATATGCTTGCCTCTTGGTTGC 420
DB 361 TCTCATGTACGAGAGCATATTCCTATCTGATGAGCAATATGCTTGCCTCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTGAGTGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCACTTTGAGAGCAGAGCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCACTTTGAGAGCAGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAGGG 720
DB 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAGGG 720

QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTAAC 780

QY 781 TCTGGTGGATTTTAACTACAATCTCTGCTCTCGTCTGATGTTGCTTGGATTGT 840
DB 781 TCTGGTGGATTTTAACTACAATCTCTGCTCTCGTCTGATGTTGCTTGGATTGT 840

QY 841 TGTCAACTGTGCTCAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTCAACTGTGCTCAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCTCTGAGAGCTGAGTATCTAT 900
 Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
 Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTGTG 960
 Qy 961 GTTGTGTAGATCTAAACTGAAGATCATGAGCAGCAGGCTCTACCTACAAAAGTGAAT 1020
 Db 961 GTTGTGTAGATCTAAACTGAAGATCATGAGCAGCAGGCTCTACCTACAAAAGTGAAT 1020
 Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
 Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
 Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGAGCTTAAAGATCA 1140
 Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGAGCTTAAAGATCA 1140
 Qy 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
 Db 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 26

US-09-999-829A-329

; Sequence 329, Application US/09999829A

; Publication No. US20030195344A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Fillvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C61

; CURRENT APPLICATION NUMBER: US/09/999,829A

; CURRENT FILING DATE: 2002-03-19

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 329

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-999-829A-329

Query Match 100.0%; Score 1174; DB 10; Length 1174;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 CGGACGCGTGGGGGAAACCCITCCGAGAAACACGACACAGCTGAGCTGCTGTGACAGAG 60

1 CGGACGCGTGGGGGAAACCCITCCGAGAAACACGACACAGCTGAGCTGCTGTGACAGAG 60
 Qy 61 GGGAAACAAGATGGGGGCGCGAGGGAGGAGCTCTGGAGTGAGGACCAACCTGGGGGCTCCG 120
 Db 61 GGGAAACAAGATGGGGGCGCGAGGGAGGAGCTCTGGAGTGAGGACCAACCTGGGGGCTCCG 120
 Qy 121 CGGCTGCTGCTGCTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
 Db 121 CGGCTGCTGCTGCTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
 Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCAACGGGCTGTCACTTGGACCTACCC 240
 Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCAACGGGCTGTCACTTGGACCTACCC 240
 Qy 241 TTGCAACACTACCTTACGAGAGAGAGAGTTGTACGCAATGTACAGAGAGTTTGCAGGCTGTT 300
 Db 241 TTGCAACACTACCTTACGAGAGAGAGAGTTGTACGCAATGTACAGAGAGTTTGCAGGCTGTT 300
 Qy 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
 Db 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
 Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
 Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
 Qy 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACCTTATGTCTCCCTGATGCCAAA 480
 Db 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACCTTATGTCTCCCTGATGCCAAA 480
 Qy 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGACATGATGAGCTCC 540
 Db 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGACATGATGAGCTCC 540
 Qy 541 GCACAGAGCTTCTTAACTCTTAACTCTGATGAGCAATTTTATCTTCAAGCCGATGACGGAATA 600
 Db 541 GCACAGAGCTTCTTAACTCTTAACTCTGATGAGCAATTTTATCTTCAAGCCGATGACGGAATA 600
 Qy 601 GTTATATTCAGCTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660
 Db 601 GTTATATTCAGCTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660
 Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
 Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
 Qy 721 CACAGAAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
 Db 721 CACAGAAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTCTTAAC 780
 Qy 781 TCTGGGTGATTTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACT 840
 Db 781 TCTGGGTGATTTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACT 840
 Qy 841 TTGCAACTGTGCTACAGCTGTGGAGCAATGTTCCCTCTGAGAGCTGAGTATCTAT 900
 Db 841 TTGCAACTGTGCTACAGCTGTGGAGCAATGTTCCCTCTGAGAGCTGAGTATCTAT 900
 Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTGTG 960
 Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTGTG 960
 Qy 961 GTTGTAGATCTAAACTGAAGATCATGAGCAGCAGGCTCTACCTACAAAAGTGAAT 1020
 Db 961 GTTGTAGATCTAAACTGAAGATCATGAGCAGCAGGCTCTACCTACAAAAGTGAAT 1020
 Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
 Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
 Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGAGCTTAAAGATCA 1140

Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGCTTCATTGGATATAGCCCTTAAGAAATCA 1140

QY 1141 CTTAATAATGCAATAAATAGTTACTCAAAATCTGTG 1174

Db 1141 CTTAATAATGCAATAAATAGTTACTCAAAATCTGTG 1174

RESULT 27

US-09-978-299A-329

Sequence 329, Application US/09978299A

Publication No. US20030199435A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/09/978,299A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939

PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27

Qy	1	CGGACGGTGGGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGGTGGGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGGAACAAGATGGCGGCCGCCGAGGGGAGCCCTCTGGGTGAGGCCCACTGGGGCTCCCG	120
Qy	121	CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA	180
Db	121	CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGCTTGGGTGATACCGCGCTTTGCCACCGGGGCTGTGAGTTGAGCTACCCC	240
Db	181	TTTGACTCGGCTTGGGTGATACCGCGCTTTGCCACCGGGGCTGTGAGTTGAGCTACCCC	240
Qy	241	TTTGACACCTACCTTAAGGAAGAGGAGTTGACGCATGTGACGAGGTTGACGCTGTTT	300
Db	241	TTTGACACCTACCTTAAGGAAGAGGAGTTGACGCATGTGACGAGGTTGACGCTGTTT	300
Qy	301	TCAATTTGTGCTGATGATGGAATTGACTTAAATCGAATCGAATCGAATGGAATGGA	360
Db	301	TCAATTTGTGCTGATGATGGAATTGACTTAAATCGAATCGAATCGAATGGAATGGA	360
Qy	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC	420
Qy	421	CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAATTTATGTCCTGATGCCAAAA	480
Db	421	CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAATTTATGTCCTGATGCCAAAA	480
Qy	481	ATGCACCTACTCTTCCCTAACTCTGGTGGAGTCACTCTGGAGTACATGATGGACTCC	540
Db	481	ATGCACCTACTCTTCCCTAACTCTGGTGGAGTCACTCTGGAGTACATGATGGACTCC	540
Qy	541	GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA	600
Qy	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTCCGACCAATTTGGAGAGGAGCTTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTCCGACCAATTTGGAGAGGAGCTTACA	660
Qy	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAGCG	720
Db	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAGCG	720
Qy	721	CAGAGAAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTCCCTCTCTTTAAC	780
Db	721	CAGAGAAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTCCCTCTCTTTAAC	780
Qy	781	TCTGGGTGATTTTAACTAACAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	840
Db	781	TCTGGGTGATTTTAACTAACAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	840
Qy	841	TGTGCACTGTGCTTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900
Db	841	TGTGCACTGTGCTTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900
Qy	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG	960
Qy	961	GTTGTTAGATCTAAATCTGAAGATCATGAGAGCAGGGCTCTACCTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAATCTGAAGATCATGAGAGCAGGGCTCTACCTACAAAGTGAAT	1020
Qy	1021	CTTGCTCATTCTGAAATTTAAAGCATTTTCTTTTAAAGCAAGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATTCTGAAATTTAAAGCATTTTCTTTTAAAGCAAGTAAATAGACATCTAA	1080
Qy	1081	AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA	1140
Db	1081	AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA	1140
Qy	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGAAACCCCTCCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGACAAGATGGCGGCCGCCGAGGGGAGCCCTCTGGGTGAGGAGCCCACTGGGGCTCCCG 120

Db 1141 CTTAATAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 28

US-09-978-544A-329

Sequence 329, Application US/09978544A

Publication No. US20030199436A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C13
CURRENT APPLICATION NUMBER: US/09/978,544A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656

PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29

```

; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATCGCGCGCGGAGGCCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATCGCGCGCGGAGGCCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
181 TTTGACTCGGTCCTTGGGTGATACGGCGCTCTTCCACCGGCGCTGTCTCAGTTGACCTACCCCC 240
181 TTTGACTCGGTCCTTGGGTGATACGGCGCTCTTCCACCGGCGCTGTCTCAGTTGACCTACCCCC 240
241 TTGCAACACTACCTTAAGAGAGAGAGGTTGTATGCGCATGTGAGAGAGGTTGCGAGGCTGTTT 300
241 TTGCAACACTACCTTAAGAGAGAGAGGTTGTATGCGCATGTGAGAGAGGTTGCGAGGCTGTTT 300
301 TCAATTTGTCAGTTTGTGATGAGGAAATGACCTTAAATCGAACTAAATTTGGAATGTGAA 360
301 TCAATTTGTCAGTTTGTGATGAGGAAATGACCTTAAATCGAACTAAATTTGGAATGTGAA 360
361 TGTGATGTACAGAGCAATATCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
361 TGTGATGTACAGAGCAATATCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAACAACTTATGTCCTGATGCCAAA 480
421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAACAACTTATGTCCTGATGCCAAA 480
481 ATGCACCTACTCTTTCCTCTAACTCTGCTGAGGTCATCTGAGAGTGACATGAGACTCC 540
481 ATGCACCTACTCTTTCCTCTAACTCTGCTGAGGTCATCTGAGAGTGACATGAGACTCC 540
541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
601 GTTATATTCAGTCTPAAGCCAGAAATCCAGTACCCACCAATTTGGAGAGGAGCCCTACA 660
601 GTTATATTCAGTCTPAAGCCAGAAATCCAGTACCCACCAATTTGGAGAGGAGCCCTACA 660
661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGCAAAATTCACAGCG 720
661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGCAAAATTCACAGCG 720
721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCCCTCTCTCTAAC 780
721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCCCTCTCTCTAAC 780
781 TCTGGGTGGATTTTAACTTACAACTCTTCTGCTCTCGGTGATGCTTATGCTTGGATTTGT 840
781 TCTGGGTGGATTTTAACTTACAACTCTTCTGCTCTCGGTGATGCTTATGCTTGGATTTGT 840
841 TGTGCAACTGTTGCTTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATGAAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
901 GGTGACTTGGAGTTTATGAAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
961 GTTGTAGATCTAAACTGAAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
961 GTTGTAGATCTAAACTGAAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
1021 CTTGCTCATCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTATGAGACATCTAA 1080
1021 CTTGCTCATCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTATGAGACATCTAA 1080
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTGGATATAGGCTTTAAGAAATCA 1140
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTGGATATAGGCTTTAAGAAATCA 1140
1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174
1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174

RESULT 29
```

US-09-978-665A-329
; Sequence 329, Application US/09978665A
; Publication No. US20030199437A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C19
; CURRENT APPLICATION NUMBER: US/09/978,665A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29

100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Query Match
1. CGGACGCTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
1 CGGACGCTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
61 GGGAAACAGATGCGGCGCGGAGGAGCCCTCGGAGGAGCCCAACTGGGCTCCCG 120
61 GGGAAACAGATGCGGCGCGGAGGAGCCCTCGGAGGAGCCCAACTGGGCTCCCG 120
121 CGGCTGCTGCTGCTGACCAATGCGCTGGCGGAGGTTCCGAGACCGCTTCGGCTGAAGCA 180
121 CGGCTGCTGCTGCTGACCAATGCGCTGGCGGAGGTTCCGAGACCGCTTCGGCTGAAGCA 180
181 TTGACTCGGTCTGGGTGATACGGCGTCTTCCACCGGGCCTGTGTCAGTTGACCTACCCC 240

181 TTGACTCGGTCTGGGTGATACGGCGTCTTCCACCGGGCCTGTGTCAGTTGACCTACCCC 240
241 TTGACACACTACCCCTAAGCAAGAGAGAGTTGTACCCATGTGACAGAGGTTGACGCTCTTTT 300
241 TTGACACACTACCCCTAAGCAAGAGAGAGTTGTACCCATGTGACAGAGGTTGACGCTCTTTT 300
301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360
301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360
361 TCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 420
361 TCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 420
421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
481 ATGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
481 ATGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
541 GCACAGAGCTTCATTAACCTCTTCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 600
541 GCACAGAGCTTCATTAACCTCTTCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 600
601 GTTATATCCAGTCTTAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 660
601 GTTATATCCAGTCTTAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 660
661 AATTTGAGAGCAATCATCTCTAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 720
661 AATTTGAGAGCAATCATCTCTAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 720
721 CACAGCAATTTCTTGAAGATGAGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 780
721 CACAGCAATTTCTTGAAGATGAGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 780
781 TCTGGGTGATTTTAACTTCAAACTCTTGTCTCTCGGTGATGATGATGATGATGATGATGATGATGAT 840
781 TCTGGGTGATTTTAACTTCAAACTCTTGTCTCTCGGTGATGATGATGATGATGATGATGATGATGAT 840
841 TGTGCAACTGTTGCTTACAGCTGCTGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 900
841 TGTGCAACTGTTGCTTACAGCTGCTGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 900
901 GGTGACTTGGAGTTTATGAATGAACAAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 960
961 GTTGTAGATCTAAACTGAAGATCATGAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 1020
961 GTTGTAGATCTAAACTGAAGATCATGAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 1020
1021 CTTGTCTCTTCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 1080
1021 CTTGTCTCTTCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGCAAGCAAGCAAGCAAGCAAGCA 1080
1081 AATTCGACTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAAT 1140
1081 AATTCGACTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAAT 1140
1141 CTATAAATGCAATTAAGTTTACTCAAACTCTGTG 1174
1141 CTATAAATGCAATTAAGTTTACTCAAACTCTGTG 1174

RESULT 30
US-09-978-802A-329
; Sequence 329, Application US/09978802A
; Publication No. US20030199674A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 05/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079683
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083560
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGAAACCCCTTCGGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGTGGGGAAACCCCTTCGGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
ZY 61 GGGAAACAAGATGGCGGCGCCGAGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGAGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
ZY 121 CGGCTGCTGCTGTGACCATGGCTTGGCGGAGGCTTCGGGAGCCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGTGACCATGGCTTGGCGGAGGCTTCGGGAGCCGCTTCGGCTGAAGCA 180
ZY 181 TTGACTCGGTCTGGGTGATACGGGCTTTGCCACCGGGGCTCTGAGTTGACCTACCC 240
DB 181 TTGACTCGGTCTGGGTGATACGGGCTTTGCCACCGGGGCTCTGAGTTGACCTACCC 240
ZY 241 TTGACACACTACCCCTAAGGAAGGAGGTGTTACGCAATGTGACAGAGGTTCGAGGCTGTT 300

DB 241 TTGACACACTACCCCTAAGGAAGGAGGTGTTACGCAATGTGACAGAGGTTCGAGGCTGTT 300
QY 301 TCAATTTGTCAGTTTGGGATGATGGAATGCTTAAATCGAACTAAATTCGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGGGATGATGGAATGCTTAAATCGAACTAAATTCGAATGTGAA 360
QY 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCTTGGTTC 420
DB 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCTTGGTTC 420
QY 421 CAGAACTAGCTGCGCATTCGCTGAGTACGACAGCAAGCAACCTTATGCTCCCTGACCAAAA 480
DB 421 CAGAACTAGCTGCGCATTCGCTGAGTACGACAGCAAGCAACCTTATGCTCCCTGACCAAAA 480
QY 481 ATGCACTACTCTTTCT 540
DB 481 ATGCACTACTCTTTCT 540
QY 541 GCACAGAGCTTCATAACCT 600
DB 541 GCACAGAGCTTCATAACCT 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGGAGGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGGAGGCTTACA 660
QY 661 AATTTGAGAGAAATCATCT 720
DB 661 AATTTGAGAGAAATCATCT 720
QY 721 CACAGAAATTTCTTGAAGATGAGAAAGTGGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780
DB 721 CACAGAAATTTCTTGAAGATGAGAAAGTGGTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
DB 781 TCTGGTGGATTTTAACTACAACCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
QY 841 TGTGCAACTGTTGCTCAGAGTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTCAGAGTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTGAATGAACTAAGCAAGCTTAAACAGATATCCAGCTTCTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTGAATGAACTAAGCAAGCTTAAACAGATATCCAGCTTCTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTAGAGCTTTTAAATGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTAGAGCTTTTAAATGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCTAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCTAAATCTGTG 1174

RESULT 31
US-10-147-493-271
; Sequence 271, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc

; CURRENT APPLICATION NUMBER: US/10/164,749A

; CURRENT FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 329

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-164-749A-329

Query Match

Best Local Similarity 100.0%; Score 1174; DB 13; Length 1174;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGGTGGGGAAACCTCCGAGAAACAGCAACAGCTGAGCTGTCGACAGG 60
DB 1 CGGACGGTGGGGAAACCTCCGAGAAACAGCAACAGCTGAGCTGTCGACAGG 60
QY 61 GGGAAACAAGATGCGCGCGCGAGGGAGCCCTCGGGTGAAGACCCAACTGGGGCTCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGAGGGAGCCCTCGGGTGAAGACCCAACTGGGGCTCCG 120
QY 121 CGCGTGTGCTGTGACCAATGGCTTGGCGGAGGTTGGGGACCGCTTCGGTGAAGCA 180
DB 121 CGCGTGTGCTGTGACCAATGGCTTGGCGGAGGTTGGGGACCGCTTCGGTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGTGATACGGGCTCTGCGACCGGGCTGTGAGTTCACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGTGATACGGGCTCTGCGACCGGGCTGTGAGTTCACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGGAGGAGTTGTAGGCAATGTACAGAGTTGAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGGAGGAGTTGTAGGCAATGTACAGAGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTGTGATGATGAATTTGACTTAAATCGAACTAAATTTGAATGTGAA 360
DB 301 TCAATTTGTCAGTTGTGATGATGAATTTGACTTAAATCGAACTAAATTTGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGTATGAGCAATATGCTTGCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATCCCAATCTGTATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAATCAGTGTGCAATTCGGTGAACCTGAGCAAGAACAACTTATGCTCCTGATGCCAAA 480
DB 421 CAGAATCAGTGTGCAATTCGGTGAACCTGAGCAAGAACAACTTATGCTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTTAATCTGTGAGGTCAATCTGAGTGAATGATGAGTCTCC 540
DB 481 ATGCACCTACTCTTCTCTTAATCTGTGAGGTCAATCTGAGTGAATGATGAGTCTCC 540
QY 541 GCACAGAGCTTCATACTCTTCACTGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
DB 541 GCACAGAGCTTCATACTCTTCACTGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
```

```
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGCCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGCCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTTCTTGAAGATGAGAAAGTATGCGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTTCTTGAAGATGAGAAAGTATGCGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTTAACTCTTGTCTCTCGGTGATGTTGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTTAACTCTTGTCTCTCGGTGATGTTGCTTGGATTTGT 840
QY 841 TGTGCAACTGTTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGCGGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGCGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTACAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTACAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
```

RESULT 33

US-10-145-127-271

; Sequence 271, Application US/10145127

; Publication NO. US20040033558A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P33303RIC252

; CURRENT APPLICATION NUMBER: US/10/145,127

; CURRENT FILING DATE: 2002-05-13

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA		Query Match		100.0%; Score 1174; DB 13; Length 1174;	
; ORGANISM: Homo Sapien		Best Local Similarity		100.0%; Pred. No. 0;	
US-10-145-127-271		Matches 1174; Conservative		0; Mismatches 0; Indels 0; Gaps 0;	
QY	1	CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60		
DB	1	CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60		
QY	61	GGGAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
DB	61	GGGAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
QY	121	CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA	180		
DB	121	CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA	180		
QY	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCTCTGCACTGACCTACCC	240		
DB	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCTCTGCACTGACCTACCC	240		
QY	241	TTGCAACCTACCTAACGAGAGAGTTGACGATGTCAAGAGTTGCGAGCTGTTT	300		
DB	241	TTGCAACCTACCTAACGAGAGAGTTGACGATGTCAAGAGTTGCGAGCTGTTT	300		
QY	301	TCGAATTTGTCAGTTGTGATGATGGAATGATGATTAATCGAACTAAATGGAAATGAA	360		
DB	301	TCGAATTTGTCAGTTGTGATGATGGAATGATGATTAATCGAACTAAATGGAAATGAA	360		
QY	361	TCGATGATGACAGAGCATATTCCTGATGATGATGATGATGATGATGATGATGATG	420		
DB	361	TCGATGATGACAGAGCATATTCCTGATGATGATGATGATGATGATGATGATGATG	420		
QY	421	CAGAATCAGCTGCCATTCCTGATGATGATGATGATGATGATGATGATGATGATG	480		
DB	421	CAGAATCAGCTGCCATTCCTGATGATGATGATGATGATGATGATGATGATGATG	480		
QY	481	ATGCACTACTCTTCTCTACTCTGCTGAGTCACTGAGTCACTGAGTCACTGAGTCC	540		
DB	481	ATGCACTACTCTTCTCTACTCTGCTGAGTCACTGAGTCACTGAGTCACTGAGTCC	540		
QY	541	GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAATA	600		
DB	541	GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAATA	600		
QY	601	GTTATATTCAGTCTAGCAGAAATCCAGTACGACCAATTTGGACGAGGACCTACA	660		
DB	601	GTTATATTCAGTCTAGCAGAAATCCAGTACGACCAATTTGGACGAGGACCTACA	660		
QY	661	AATTTGAGAGATTCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG	720		
DB	661	AATTTGAGAGATTCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG	720		
QY	721	CACAGAAATTTCTGAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAAC	780		
DB	721	CACAGAAATTTCTGAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAAC	780		
QY	781	TCGGGTGATTTTAACTAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	840		
DB	781	TCGGGTGATTTTAACTAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	840		
QY	841	TGTGCAACTCTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT	900		
DB	841	TGTGCAACTCTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT	900		
QY	901	GGTGACTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG	960		
DB	901	GGTGACTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG	960		
QY	961	GTTGTTAGATCTTAAACTGAAGATCATGGAAGAGCGGCTCTTACCTACAAAAGTGAAT	1020		
DB	961	GTTGTTAGATCTTAAACTGAAGATCATGGAAGAGCGGCTCTTACCTACAAAAGTGAAT	1020		

RESULT 34

US-10-160-503-271
; Sequence 271, Application US/10160503
; Publication No. US20040033559A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C446
CURRENT APPLICATION NUMBER: US/10/160,503
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-160-503-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60		
DB	1	CGGACGCTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60		
QY	61	GGGAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
DB	61	GGGAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
QY	121	CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA	180		
DB	121	CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA	180		
QY	181	TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTCTGAGTTGACCTACCCC	240		
DB	181	TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTCTGAGTTGACCTACCCC	240		
QY	241	TTGCAACCTACCTAACGAGAGAGTTGATCCAGTGTCAAGAGCTTCAGGCTCTTT	300		
DB	241	TTGCAACCTACCTAACGAGAGAGTTGATCCAGTGTCAAGAGCTTCAGGCTCTTT	300		

301 TCAATTTGTCAGTTGTCGATGATGAAATGACTTAAATCGAATTAATGGAATGGA 360
Db
301 TCAATTTGTCAGTTGTCGATGATGAAATGACTTAAATCGAATTAATGGAATGGA 360
Qy
361 TCTGATGATACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCAATCTTGGTTC 420
Db
361 TCTGATGATACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCAATCTTGGTTC 420
Qy
421 CAGAATCAGCTGCATTCGCTCAATCTGAGACAGCAAGCAAACTTATGCTCCTGATGCCAAA 480
Db
421 CAGAATCAGCTGCATTCGCTCAATCTGAGACAGCAAGCAAACTTATGCTCCTGATGCCAAA 480
Qy
481 ATGCACTACTCTTCTCTAATCTGAGAGTCAATCTGAGTGCATGATGATGATCC 540
Db
481 ATGCACTACTCTTCTCTAATCTGAGAGTCAATCTGAGTGCATGATGATGATCC 540
Qy
541 GCACAGAGTTCATACCTCTTCAAGCACTTTTATCTTCAAGCGATGACGGAATAATA 600
Db
541 GCACAGAGTTCATACCTCTTCAAGCACTTTTATCTTCAAGCGATGACGGAATAATA 600
Qy
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGAGCTTACA 660
Db
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGAGCTTACA 660
Qy
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy
721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTTAAC 780
Db
721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTTAAC 780
Qy
781 TCTGGGTGGATTTTAACTACACTCTTCTGCTCGGTGATGATGCTTTGGATTTGT 840
Db
781 TCTGGGTGGATTTTAACTACACTCTTCTGCTCGGTGATGATGCTTTGGATTTGT 840
Qy
841 TGTGCAACTCTGCTACAGCTGTGGAGCATGATGCTTCCCTCTGAGAGCTGATCTAT 900
Db
841 TGTGCAACTCTGCTACAGCTGTGGAGCATGATGCTTCCCTCTGAGAGCTGATCTAT 900
Qy
901 GGTGACTTGGAGTTTATGATGACAAAGCTTAAAGCATGATGCTTCTCTTGTG 960
Db
901 GGTGACTTGGAGTTTATGATGACAAAGCTTAAAGCATGATGCTTCTCTTGTG 960
Qy
961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db
961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy
1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db
1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy
1081 AATTTCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Db
1081 AATTTCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Qy
1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
Db
1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 25

US-10-143-118-271
; Sequence 271, Application US/10143118
; Publication No. US20040039335A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C228
CURRENT APPLICATION NUMBER: US/10/143,118
CURRENT FILING DATE: 2002-05-09
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-143-118-271
Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGGAAACCTTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCTTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAGATGCGCGCGCCGAAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGCGCGCGCCGAAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGCTGGAAGCA 180
Db 121 CGGCTGCTGCTGCTGACCATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGCTGGAAGCA 180
Qy 181 TTTGACTCGGCTCTGGGTGATACGGCGCTTTGCCACCGGGGCTCTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTGGGTGATACGGCGCTTTGCCACCGGGGCTCTCAGTTGACCTACCCC 240
Qy 241 TTGCAACACTACCTTAAGGAGAGAGGTTGTACGATGTGACAGAGTTGACAGGCTGTTT 300
Db 241 TTGCAACACTACCTTAAGGAGAGAGGTTGTACGATGTGACAGAGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGATGATGAAATGCACTTAAATCGAACTAAATTTGGATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGATGATGAAATGCACTTAAATCGAACTAAATTTGGATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGCAAACTTATGCTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGCAAACTTATGCTCCTGATGCCAAA 480
Qy 481 ATGCACTACTCTTCTCTAATCTGAGAGTCAATCTGAGTGCATGATGATGATCC 540
Db 481 ATGCACTACTCTTCTCTAATCTGAGAGTCAATCTGAGTGCATGATGATGATCC 540
Qy 541 GCACAGAGTTCATACCTCTTCAAGCACTTTTATCTTCAAGCGATGACGGAATAATA 600
Db 541 GCACAGAGTTCATACCTCTTCAAGCACTTTTATCTTCAAGCGATGACGGAATAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGAGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720

Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGATTTTCTTGAAGATGAGAAAGTATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGATTTTCTTGAAGATGAGAAAGTATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGATTTTAACTATCAACTCTTCTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTATCAACTCTTCTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATCAAGCAGCGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATCAAGCAGCGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTCGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTCGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCACCTCCCTAGAGCTTTTAAATGCTTTTAAAGTATAGGCTTAAAGATCA 1140
Db 1081 AATTCACCTCCCTAGAGCTTTTAAATGCTTTTAAAGTATAGGCTTAAAGATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 36
US-10-993-271
; Sequence 271, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Deshoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P333013C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTCACAGAG 60
Db 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTCACAGAG 60
Qy 61 GGGAAACAAGATGGCGGGCCGGAAGGGAGGCTCTGGTGAAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGGCCGGAAGGGAGGCTCTGGTGAAGGACCCCACTGGGGCTCCCG 120
Qy 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTGGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTGGGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTGCTGCTGCTGGGTGATACGGCTCTTGGCAACGGGCTGTCAGTGAACCTACCCC 240
Db 181 TTTGACTGCTGCTGCTGGGTGATACGGCTCTTGGCAACGGGCTGTCAGTGAACCTACCCC 240
Qy 241 TTGCACACCTACCTTAAAGGAAGAGGAGTTGTCATGCTGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAAGGAAGAGGAGTTGTCATGCTGTCAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGCTGCTGCTGCTGATGGAATTTGAATTAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGCTGCTGCTGCTGATGGAATTTGAATTAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
Db 361 TCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
Qy 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
Db 421 CAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
Qy 481 ATGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
Db 481 ATGCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
Qy 541 GCACAGAGCTTCTAAGCTTCTTCAAGCTTCTTCAAGCTTCTTCAAGCTTCTTCAAGCTTCT 600
Db 541 GCACAGAGCTTCTAAGCTTCTTCAAGCTTCTTCAAGCTTCTTCAAGCTTCTTCAAGCTTCT 600
Qy 601 GTTATATTCAGCTTAAAGCAGAAATCCAGTACGACCACTTTGGAGAGGAGGAGGCTTACA 660
Db 601 GTTATATTCAGCTTAAAGCAGAAATCCAGTACGACCACTTTGGAGAGGAGGAGGCTTACA 660
Qy 661 AATTTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAAATTTCTTGAAGATGGAAGAGTGGCTTTTAAAGATGCTTCTCTCTTAAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGGAAGAGTGGCTTTTAAAGATGCTTCTCTCTTAAAC 780
Qy 781 TCTGGGTGATTTTAACTATCAACTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
Db 781 TCTGGGTGATTTTAACTATCAACTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
Qy 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGAGGCTTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGAGGCTTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTCGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTCGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
DB |||||
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
DB |||||
QY 1141 CTATAAATGCAAAATAAGTACTCAATCTGTG 1174
DB |||||
QY 1141 CTATAAATGCAAAATAAGTACTCAATCTGTG 1174
DB |||||

RESULT 37

US-10-158-787-271
; Sequence 271, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC449
; CURRENT APPLICATION NUMBER: US/10/158,787
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien

US-10-158-787-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60
DB |||||
QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60
DB |||||

QY 61 GGGAAACAAGATGGGGGCCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB |||||
QY 61 GGGAAACAAGATGGGGGCCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB |||||
QY 121 CGGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAGCA 180
DB |||||
QY 121 CGGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAGCA 180
DB |||||
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACGGGCTGTCTAGTTGACCTACCCC 240
DB |||||
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACGGGCTGTCTAGTTGACCTACCCC 240
DB |||||
QY 241 TTGCACACCTACCTTAAGGAAGGAGGTGTGACGATGTGACGAGGTTGCAGGCTGTTT 300
DB |||||
QY 241 TTGCACACCTACCTTAAGGAAGGAGGTGTGACGATGTGACGAGGTTGCAGGCTGTTT 300
DB |||||
QY 301 TCAATTTCTCAGTTTGTGGATGATGAAATGACTTAAATCGAACTAAATTTGGAAATGAA 360
DB |||||
QY 301 TCAATTTCTCAGTTTGTGGATGATGAAATGACTTAAATCGAACTAAATTTGGAAATGAA 360
DB |||||
QY 361 TCTGCATGTACAGAAGCATATTCCTCATCTGATGAGCAATATCTTGCCTATCTTGGCTTC 420
DB |||||
QY 361 TCTGCATGTACAGAAGCATATTCCTCATCTGATGAGCAATATCTTGCCTATCTTGGCTTC 420
DB |||||
QY 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAAGCACTTATGTCTCTGATGCCAAA 480
DB |||||
QY 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAAGCACTTATGTCTCTGATGCCAAA 480
DB |||||
QY 481 ATGCACCTACTCTTTTCTCTTAACTCTCTGAGGTCATTTCTGAGTGTGATGAGTCTCC 540
DB |||||
QY 481 ATGCACCTACTCTTTTCTCTTAACTCTCTGAGGTCATTTCTGAGTGTGATGAGTCTCC 540
DB |||||
QY 541 GCACAGAGCTTCATAAACCCTCTTCATGACCTTTTATCTTCAAGCCGATGACGAAATA 600
DB |||||
QY 541 GCACAGAGCTTCATAAACCCTCTTCATGACCTTTTATCTTCAAGCCGATGACGAAATA 600
DB |||||
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGAGGAGGCTTAC 660
DB |||||
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGAGGAGGCTTAC 660
DB |||||
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAGCG 720
DB |||||
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAGCG 720
DB |||||
QY 721 CACAGAAATTTCTTGAAGATGGAAGATGAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB |||||
QY 721 CACAGAAATTTCTTGAAGATGGAAGATGAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB |||||
QY 781 TCTGGGTGATTTTAACTTACAACTCTTCTCTCGGTGATGATGATGATGATGATGATGAT 840
DB |||||
QY 781 TCTGGGTGATTTTAACTTACAACTCTTCTCTCGGTGATGATGATGATGATGATGATGAT 840
DB |||||
QY 841 TGTGCAACTGTTGCTTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCT 900
DB |||||
QY 841 TGTGCAACTGTTGCTTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCT 900
DB |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTCTCTCTCTG 960
DB |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTCTCTCTCTG 960
DB |||||
QY 961 GTTGTAGATCTTAAACTGAAAGATCATGAAGAGCAGGGCTCTTACCTACAAAGTGAAT 1020
DB |||||
QY 961 GTTGTAGATCTTAAACTGAAAGATCATGAAGAGCAGGGCTCTTACCTACAAAGTGAAT 1020
DB |||||
QY 1021 CTTGCTCATCTCGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGCAATCA 1080
DB |||||
QY 1021 CTTGCTCATCTCGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGCAATCA 1080
DB |||||
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
DB |||||
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
DB |||||
QY 1141 CTATAAATGCAAAATAAGTACTCAATCTGTG 1174

Db 1141 CTATAAATGCAATAAGATTACTCAATCTGTG 1174

RESULT 38
US-10-081-056-7
; Sequence 7, Application US/10081056
; Publication No. US20040043927A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Perrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Stephan, Jean-Philippe P.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235PAC1
; CURRENT APPLICATION NUMBER: US/10/081,056
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/230,978
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/000,000
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 09/664,610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/242,922
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/709,238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30952
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30873
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/747,259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/767,609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: US 09/796,498

; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/802,706
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/808,689
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: US 09/816,744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 09/828,366
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 09/854,208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,034
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/US01/17092
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/870,574
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/17443
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/00000
; PRIOR FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 7
; LENGTH: 1174
; TIPS: DNA
; ORGANISM: Homosapiens
US-10-081-056-7

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAAGCTGAGTCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAAGCTGAGTCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGAGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGACCAATGCCCTTGGCCGAGGTTTGGGGACCGCTTGGCTGAGCA 180
DB 121 CGGCTGCTGCTGACCAATGCCCTTGGCCGAGGTTTGGGGACCGCTTGGCTGAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTGAGTGAACCTACCCC 240
DB 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTGAGTGAACCTACCCC 240
QY 241 TTGCAACCTACCTTAAGGAAGAGAGTTGTATGATGTGACATGTGACAGAGTTGCAGGCTGTTT 300
DB 241 TTGCAACCTACCTTAAGGAAGAGAGTTGTATGATGTGACATGTGACAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTCTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAATTTGGAATGTGA 360
DB 301 TCAATTTCTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCCTTCGCTGAACTGAGACAGAACAACTTATGTCTCCCTGATGTCACAAA 480

Db 421 CAGAAATCAGCTGCCATTCGCTGAACAGCAAGCAAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCCCTCACTCTGAGGTCATTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCACTCTGAGGTCATTCTGGAGTGACATGATGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATCCAGCTTAAGCCGAATCCAGTACCAACCACTTTGGAGGAGGCTTACA 660
Db 601 GTTATATCCAGCTTAAGCCGAATCCAGTACCAACCACTTTGGAGGAGGCTTACA 660
Qy 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGATTTCTTGAAGTGGAGAGATGATGGCTTTTAAAGATGCTCTCTTAAC 780
Db 721 CACAGGATTTCTTGAAGTGGAGAGATGATGGCTTTTAAAGATGCTCTCTTAAC 780
Qy 781 TCTGGGTGATTTAACTACAACCTCTTCTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTAACTACAACCTCTTCTCTCTCGGTGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCACTCTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCACTCTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAGAGAGAGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAGAGAGAGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTGTCCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTGTCCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTTACTCAAACTCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAACTCTGTG 1174

RESULT 39

US-09-999-831A-329
; Sequence 329, Application US/09999831A
; Publication No US20040048332A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC58
; CURRENT APPLICATION NUMBER: US/09/999,831A
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-999-831A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGGGGGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
Db 61 GGGAAACAAGATGGGGGGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
Qy 121 CGCTGCTGCTGCTGACCATGCTTGGCGGAGGTTTGGGGACCGCTTCGGCTGGAAGCA 180
Db 121 CGCTGCTGCTGCTGACCATGCTTGGCGGAGGTTTGGGGACCGCTTCGGCTGGAAGCA 180
Qy 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCACTTGAACCTACCC 240
Db 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCACTTGAACCTACCC 240
Qy 241 TTGCAACACTACCTTAAGGAAGAGAGTGTGACGCATGTACAGAGGTTGACAGGCTGTTT 300
Db 241 TTGCAACACTACCTTAAGGAAGAGAGTGTGACGCATGTACAGAGGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTCAAGTTTGTGATGATGGAATTGACCTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAAGTTTGTGATGATGGAATTGACCTTAAATCGAACTAAATTTGGAATGTAA 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCATCTGATGAGCAATATGCTTCCCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCATCTGATGAGCAATATGCTTCCCATCTTGGTTC 420
Qy 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAGAACTTATGTCTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAGAACTTATGTCTCCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGGTCATCTGAGTGCATGATGATGATCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGGTCATCTGAGTGCATGATGATGATCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCAAGCTTTTATCTTCAAGCCGATGACGGAATAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAAGCTTTTATCTTCAAGCCGATGACGGAATAAATA 600
Qy 601 GTTATATCCAGCTTAAGCCGAATCCAGTACCAACCACTTTGGAGGAGGCTTACA 660
Db 601 GTTATATCCAGCTTAAGCCGAATCCAGTACCAACCACTTTGGAGGAGGCTTACA 660
Qy 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720

```

661 AATTGGAGATCATCTCTAAGCAAAATCTCTAATGCAATGAGAAATTCACAGCG 720
721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTTAA 780
721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTTAA 780
781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
841 TGTCCAACTGTTGTCTACAGCTGTGAGCAATGATTTCCCTCTGAGAAAGCTGATCTAT 900
841 TGTCCAACTGTTGTCTACAGCTGTGAGCAATGATTTCCCTCTGAGAAAGCTGATCTAT 900
901 GGTGACCTGGAGTTTATGATGACAAAGCTAAACAGATATCCAGCTCTCTCTCTTGTG 960
901 GGTGACCTGGAGTTTATGATGACAAAGCTAAACAGATATCCAGCTCTCTCTCTTGTG 960
961 GTTGTAGATCTAAACTGAAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAACTGAAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
1021 CTTCCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
1021 CTTCCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
1081 AATTCCTCTCTCATAGAGCTTTTAAAGCTTTTCTTTGATATAGGCTCTTAAAGAAATCA 1140
1081 AATTCCTCTCTCATAGAGCTTTTAAAGCTTTTCTTTGATATAGGCTCTTAAAGAAATCA 1140
1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
```

RESULT 40

```

US-10-140-024-271
; Sequence 271, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C69
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-024-271
```

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

```

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
DB 1 CGGACCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCAACTGGGGGTCCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGGAGGAGGAGCTCTGGGTGAGGACCAACTGGGGGTCCCG 120
QY 121 CCGCTGCTGCTGTGACCAATGGCTTGGCGGAGGAGTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGTGACCAATGGCTTGGCGGAGGAGTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTTCGGGTCTTGGGTGATACGGGCTCTTGCACCGGGCTCTGTCACTTGAACCTAC 240
DB 181 TTTGACTTCGGGTCTTGGGTGATACGGGCTCTTGCACCGGGCTCTGTCACTTGAACCTAC 240
QY 241 TTGCACACCTTACCTTAAGAGAGGAGTGTGCGCATGTGAGAGGAGTTCAGAGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGAGAGGAGTGTGCGCATGTGAGAGGAGTTCAGAGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGAAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
DB 301 TCAATTTGTGCTGATGATGAAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
QY 361 TGTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
DB 361 TGTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATCAGACAGCAACTTATGTCCCTGTATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAATCAGACAGCAACTTATGTCCCTGTATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGAGTGACATGATGAGTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGAGTGACATGATGAGTCC 540
QY 541 GCACAGAGCTTCATACCTCTTCAAGCTTTTCTTCAAGCGGATGACCGGAAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCAAGCTTTTCTTCAAGCGGATGACCGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
QY 841 TGTCCAACTGTTGTCTACAGCTGTGAGCAATGATTTCCCTCTGAGAAAGCTGATCTAT 900
DB 841 TGTCCAACTGTTGTCTACAGCTGTGAGCAATGATTTCCCTCTGAGAAAGCTGATCTAT 900
QY 901 GGTGACCTGGAGTTTATGATGACAAAGCTAAACAGATATCCAGCTCTCTCTTGTG 960
DB 901 GGTGACCTGGAGTTTATGATGACAAAGCTAAACAGATATCCAGCTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAAGCTAAAGATCATGAGAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAAGCTAAAGATCATGAGAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTCCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
DB 1021 CTTCCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
```

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 41

US-10-013-917A-329
; Sequence 329, Application US/10013917A
; Publication NO. US20040063921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desrochers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C82
; CURRENT APPLICATION NUMBER: US/10/013,917A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-013-917A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTCAGAG 60
DB 1 CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTCAGAG 60
QY 61 GGGAAACAAGATCGCGCGCGAGGGAGCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATCGCGCGCGAGGGAGCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
QY 121 CGCTGCTGCTGCTGACCATGGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCTGCTGCTGCTGACCATGGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGTGATCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCTGTGACCTGACCTACCCC 240

DB 181 TTGACTCGGTCTTGGTGATACGGCGTCTTGCCACCGGGCCCTGTGCTGAGTACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTAGCGCATGTGCAGAGGTTGCAGGCTGTGT 300
DB 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTAGCGCATGTGCAGAGGTTGCAGGCTGTGT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTTGAATTAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTGAGTTGTGGATGATGGAATTTGAATTAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATCTGTAGAGCAATATGCTTGCCATCTTGTTGTC 420
DB 361 TCTGCATGTACAGAGCATATTCCTCAATCTGTAGAGCAATATGCTTGCCATCTTGTTGTC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTTACTCTTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGACATGATGGAATCC 540
DB 481 ATGCACCTTACTCTTTCTCTTAACTCTGGTGAGTCAATCTGGAGTGACATGATGGAATCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAGCCAGAAATCCAGTACGCAACCACTTTGGAGGAGGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAGCCAGAAATCCAGTACGCAACCACTTTGGAGGAGGAGGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGAAATCATCTCTAAGCAAAATCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTTAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTTAC 780
QY 781 TCTGGTGGATTTTAACTTAACTTCTGCTCTCTCGTGATGATGATGATGATGATGATGAT 840
DB 781 TCTGGTGGATTTTAACTTAACTTCTGCTCTCTCGTGATGATGATGATGATGATGATGAT 840
QY 841 TGTGCACTGTGTGTACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTGTGTACAGCTGTGGAGAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTTGGAGTTTATGAATGAACAAAGCTTAAAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTTGGAGTTTATGAATGAACAAAGCTTAAAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAATCTGAAGTATGATGAAGAGCGGGCTCTACCTCAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAATCTGAAGTATGATGAAGAGCGGGCTCTACCTCAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 42

US-10-140-808-271
; Sequence 271, Application US/10140808
; Publication NO. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

;; FILE REFERENCE: P2630PIC75
;; CURRENT APPLICATION NUMBER: US/09/999,834A
;; CURRENT FILING DATE: 2001-10-24
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; PRIOR APPLICATION NUMBER: 60/078004
;; PRIOR FILING DATE: 1998-03-13
;; PRIOR APPLICATION NUMBER: 60/078886
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078936
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078939
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079663
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079786
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079920
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/079923
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/080105
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080107
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080194
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627

100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACGGTGGGGAAACCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAG 60
1 CGGACGGTGGGGAAACCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAG 60
61 GGGAAACAGATGGCGGCGCGGAGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
61 GGGAAACAGATGGCGGCGCGGAGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
121 CCGTGTGTGTGTGACCATGTGGCTGGCGGAGGTTCCGGAGCCGCTTCGCTGAAGCA 180
121 CCGTGTGTGTGTGACCATGTGGCTGGCGGAGGTTCCGGAGCCGCTTCGCTGAAGCA 180
181 TTTGACCTGGTCTGGGTGATAGCGGTCTTGCCAGCGGCTGTGAGTGGACCTACCCC 240
181 TTTGACCTGGTCTGGGTGATAGCGGTCTTGCCAGCGGCTGTGAGTGGACCTACCCC 240
241 TTGCACACCTACCTAAGGAGGAGGTTGTAAGCATGTGAGAGGTTGCGAGGCTGTTT 300
241 TTGCACACCTACCTAAGGAGGAGGTTGTAAGCATGTGAGAGGTTGCGAGGCTGTTT 300
301 TCAATTTGTGATGTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGAA 360
301 TCAATTTGTGATGTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGAA 360
361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATCTTGGCAATCTTGGTTGC 420
361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATCTTGGCAATCTTGGTTGC 420
421 CAGATGAGTGGCAATCTGCTGACTGAGCAAGCAACTATGCTTATGCTGATGCCAAA 480
421 CAGATGAGTGGCAATCTGCTGACTGAGCAAGCAACTATGCTTATGCTGATGCCAAA 480
481 ATGACCTACTCTTTCTCTAATCTGGTGGAGTCAATCTGGAGTGAATGAGTGGCTCC 540
481 ATGACCTACTCTTTCTCTAATCTGGTGGAGTCAATCTGGAGTGAATGAGTGGCTCC 540
541 GCACAGACTTCATACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
541 GCACAGACTTCATACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGGAGGCTTACA 660
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGGAGGCTTACA 660

661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
721 CACAGAAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCTCTCTTAAC 780
721 CACAGAAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCTCTCTTAAC 780
781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
841 TGTGCAACTGTTTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
841 TGTGCAACTGTTTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCTCTACCTACAAAGTGAAT 1020
961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCTCTACCTACAAAGTGAAT 1020
1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAGTGTAAATAGACATCTAA 1080
1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAGTGTAAATAGACATCTAA 1080
1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 44
US-10-152-405-271
; Sequence 271, Application US/10152405
; Publication No. US20030211571A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C383
; CURRENT APPLICATION NUMBER: US/10/152,405
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-152-405-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAACCCCTTCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTTCGAGAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGGGGCGCCGAAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGGGGCGCCGAAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGGCTCCCG 120

Qy 121 CGGCTGCTGCTGAGCACTGCGCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGAGCACTGCGCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGCTTGGGAGTACGGCGTCTTGGCCAGCGGCTGTGAGTTGACCTACCCG 240
Db 181 TTTGACTCGGCTTGGGAGTACGGCGTCTTGGCCAGCGGCTGTGAGTTGACCTACCCG 240

Qy 241 TTGCACACCTACCTTAAGGAGAGGAGTGTGACGATGTGAGAGGTTGACGAGGTTG 300
Db 241 TTGCACACCTACCTTAAGGAGAGGAGTGTGACGATGTGAGAGGTTGACGAGGTTG 300

Qy 301 TCACATTTGCTGCTGCTGAGTGGATGCACTTAATCGAACTAAATTTGGAATGGA 360
Db 301 TCACATTTGCTGCTGAGTGGATGCACTTAATCGAACTAAATTTGGAATGGA 360

Qy 361 TCTGATGTACAGAGCATATCCCATCTGATGAGCAATATGCTTGGCTGCTGCTGCTG 420
Db 361 TCTGATGTACAGAGCATATCCCATCTGATGAGCAATATGCTTGGCTGCTGCTGCTG 420

Qy 421 CAGAACTCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
Db 421 CAGAACTCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480

Qy 481 ATGCACTTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 540
Db 481 ATGCACTTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 540

Qy 541 GCACAGAGCTTCAATACCTCTTCAAGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
Db 541 GCACAGAGCTTCAATACCTCTTCAAGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600

Qy 601 GTTATATTCAGTCTAAGCAGAAATCAGTACGCAACCAATTTGGAGCAGGCTTAC 660
Db 601 GTTATATTCAGTCTAAGCAGAAATCAGTACGCAACCAATTTGGAGCAGGCTTAC 660

Qy 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720

Qy 721 CACAGAAATTTCTTGAAGATGGAAGAGTGAAGCTTTTAAAGATGCTTCTTCTTAA 780
Db 721 CACAGAAATTTCTTGAAGATGGAAGAGTGAAGCTTTTAAAGATGCTTCTTCTTAA 780

Qy 781 TCTGGTGTATTTAACTACACTCTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTG 840
Db 781 TCTGGTGTATTTAACTACACTCTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTG 840

Qy 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCT 900

Qy 901 GGTGACTTGGATTTATGATGAACAAAGCTTAACAGATATCCAGCTTCTTCTTCTG 960
Db 901 GGTGACTTGGATTTATGATGAACAAAGCTTAACAGATATCCAGCTTCTTCTTCTG 960

Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020

Qy 1021 CTTGCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGAGCAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGAGCAAGTGTAAATAGACATCTAA 1080

Db 1021 CTTGCTCATCTGAAATTTAAAGCTTTTCTTTTAAAGAGCAAGTGTAAATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTGTTCATTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTGTTCATTGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATATAATGCAATATAAGTCTTACTCAAAATCTGTG 1174
Db 1141 CTATATAATGCAATATAAGTCTTACTCAAAATCTGTG 1174

RESULT 45

US-10-162-521A-329
; Sequence 329 Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C55
; CURRENT APPLICATION NUMBER: US/10/162,521A
; PRIOR FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA

ORGANISM: Homo sapiens
US-10-162-521A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTCTCTGACAGAG 60
Db 1 CGGACGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTCTCTGACAGAG 60
Qy 61 GGGAAACAGATGGCGGCGCGAGGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGGCGCGAGGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTCTGTCTGACATCGGCGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGACATCGGCGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGSCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGSCCTGTGAGTTGACCTACCCC 240
Qy 241 TTGCACCTACCTACCTAAGGAGAGGTTGTACGCATGTGACAGAGGTTTCGAGGCTGTTT 300
Db 241 TTGCACCTACCTACCTAAGGAGAGGTTGTACGCATGTGACAGAGGTTTCGAGGCTGTTT 300
Qy 301 TCAATTTGCTAGTTTGGATGATGGAATGACTTAATCGAACTAAATGGAAATGTGA 360
Db 301 TCAATTTGCTAGTTTGGATGATGGAATGACTTAATCGAACTAAATGGAAATGTGA 360
Qy 361 TCTGATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGATCAGCTGCATCTGCTGATGAGCAAGCAACATTAATGCTCCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCATCTGCTGATGAGCAAGCAACATTAATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGTGCATGATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGTGCATGATGAGCTCC 540
Qy 541 GCACAGCTTCATACCTCTTCTGATGAGCTTTTATCTTCAAGCGGATGACGGAATA 600
Db 541 GCACAGCTTCATACCTCTTCTGATGAGCTTTTATCTTCAAGCGGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGCTTACA 660
Qy 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGAAATTTCTGAGATGGAAGATGATGCTTTTAAAGTCCCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGGAAGATGATGCTTTTAAAGTCCCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTCGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTCGATTTGT 840
Qy 841 TGTGCACTGTGCTACAGCTGTGGAGGATGCTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCACTGTGCTACAGCTGTGGAGGATGCTTCCCTCTGAGAGCTGATCTAT 900
Qy 901 GGTGACTTGGATTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGATTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAGATCATGAGACAGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAGATCATGAGACAGGCTCTTACCTACAAAGTGAAT 1020

RESULT 46

US-10-127-852A-271
; Sequence 271, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C88
; CURRENT APPLICATION NUMBER: US/10/127,852A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-852A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACACGAAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACACGAAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGACACAGATGGCGGGCGCGGAGGGGAGCGCTTCGGGTGAGGAGCCCAACTGGGGCTCCGG 120
Db 61 GGGACACAGATGGCGGGCGCGGAGGGGAGCGCTTCGGGTGAGGAGCCCAACTGGGGCTCCGG 120
Qy 121 CCGTGTCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGGTGAAGCA 180
Db 121 CCGTGTCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGGTGAAGCA 180
Qy 181 TTGACTCGGTTCGGGTGATACGGCGCTTCGCCACCGGGCCCTGAGTTGACCTACCC 240
Db 181 TTGACTCGGTTCGGGTGATACGGCGCTTCGCCACCGGGCCCTGAGTTGACCTACCC 240
Qy 241 TTGCACACTACCTTAAGGAAGAGAGTTGATGCGCATGTGAGAGAGGTTGCGAGCTGTTT 300
Db 241 TTGCACACTACCTTAAGGAAGAGAGTTGATGCGCATGTGAGAGAGGTTGCGAGCTGTTT 300
Qy 301 TCAATTTGCTGATTTGGATGATGGAATTCGATTAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGCTGATTTGGATGATGGAATTCGATTAATCGAACTAAATGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCGCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCGCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
Qy 421 CAGAACTAGCTGCCATTCGCTGAACCTGAGAGCAAGCAACTATGCTCCCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCCATTCGCTGAACCTGAGAGCAAGCAACTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCCCTAACTCTGCTGAGGTCACTTCGAGTGACATGAGTCTCC 540
Db 481 ATGCACCTACTCTTCCCTAACTCTGCTGAGGTCACTTCGAGTGACATGAGTCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCGGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCGGATGACGGAATAA 600
Qy 601 GTTATATCCAGTCTAAGCGGAATTCAGTACCCACACATTTGGAGGAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCGGAATTCAGTACCCACACATTTGGAGGAGGAGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCAGAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCAGAGCG 720
Qy 721 CACAGAAATTTCTGAGATGGAAGATGATGAGCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGAAATTTCTGAGATGGAAGATGATGAGCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGGTGGATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCACTGTGCTACACTGTGAGCATGATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTGCTACACTGTGAGCATGATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGTGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTGTGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 47

US-10-127-900A-271
; Sequence 271, Application US/10127900A
; Publication No. US20030203429A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C81
; CURRENT APPLICATION NUMBER: US/10/127,900A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-900A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACACGAAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACACGAAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGACACAGATGGCGGGCGCGGAGGGGAGCGCTTCGGGTGAGGAGCCCAACTGGGGCTCCGG 120

61	GGGAAACAAGATGGCGCGCCGAAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120	Db
121	CCGCTGCTGCTGCAACATGGCCCTTGGCGCGAGGTTGGGGACCGCTCTCGGCTGAAGCA	180	QY
121	CCGCTGCTGCTGCAACATGGCCCTTGGCGCGAGGTTGGGGACCGCTCTCGGCTGAAGCA	180	Db
181	TTTGAATCGGTCCTTGGGATGATAAGGCGTCTTGGCACCGGGCCCTGTCACTGACCTACCC	240	QY
181	TTTGAATCGGTCCTTGGGATGATAAGGCGTCTTGGCACCGGGCCCTGTCACTGACCTACCC	240	Db
241	TTTGACACCTACCTCAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGGTTGCAAGCTCTTT	300	QY
241	TTTGACACCTACCTCAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGGTTGCAAGCTCTTT	300	Db
301	TCAATTTCTCAGTTTGGATGATGGAATGCACTTAAATCGAACTAAATTGGAAATGTGAA	360	QY
301	TCAATTTCTCAGTTTGGATGATGGAATGCACTTAAATCGAACTAAATTGGAAATGTGAA	360	Db
361	TCTGCATGTCAGAGACATATCCCAATCTGATGAGCAATATGCTTGCACATCTTGGTTGC	420	QY
361	TCTGCATGTCAGAGACATATCCCAATCTGATGAGCAATATGCTTGCACATCTTGGTTGC	420	Db
421	CAGAATCAGCTGCCAATCGCTGAACTGACAAGAAACAATTATCTCCCTGATGCCAAAA	480	QY
421	CAGAATCAGCTGCCAATCGCTGAACTGACAAGAAACAATTATCTCCCTGATGCCAAAA	480	Db
481	ATGCACTACTCTTTTCTCTTAACTCTGCTGAGGTCACTCTGAGTGAATGATGACCTCC	540	QY
481	ATGCACTACTCTTTTCTCTTAACTCTGCTGAGGTCACTCTGAGTGAATGATGACCTCC	540	Db
541	GCAACAGAGCTTCAAACTCTTCAATGAGCTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600	QY
541	GCAACAGAGCTTCAAACTCTTCAATGAGCTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600	Db
601	GTTATATTCAGTCTAAGCAGAAATCCAGTACGACACCACTTTGGAGCAGAGCCTTACA	660	QY
601	GTTATATTCAGTCTAAGCAGAAATCCAGTACGACACCACTTTGGAGCAGAGCCTTACA	660	Db
661	AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATCAGAAAAATCAAGAG	720	QY
661	AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATCAGAAAAATCAAGAG	720	Db
721	CACAGAAATTTCTTGAGATGGAAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC	780	QY
721	CACAGAAATTTCTTGAGATGGAAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC	780	Db
781	TCCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT	840	QY
781	TCCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT	840	Db
841	TGTGCAACTGTTGCTTACAGCTGTGGACAGATATGTTCCCTCTGAGAAGCTGATCTAT	900	QY
841	TGTGCAACTGTTGCTTACAGCTGTGGACAGATATGTTCCCTCTGAGAAGCTGATCTAT	900	Db
901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCAGCTTCTCTCTTGTG	960	QY
901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCAGCTTCTCTCTTGTG	960	Db
961	GTTGTTAGATCTAAACTTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020	QY
961	GTTGTTAGATCTAAACTTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020	Db
1021	CTTGCTCATCTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA	1080	QY
1021	CTTGCTCATCTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA	1080	Db
1081	AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA	1140	QY
1081	AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA	1140	Db
1141	CTATAAATGCAAAATAAAGTTTACTCAAATCTGTG	1174	QY

Db 1141 CTTATTAATGCATAAATGAAGTACTCAATCTGTG 1174

RESULT 48
US-10-128-685A-271
; Sequence 271, Application US/10128685A
; Publication No. US20030203430A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333081C116
; CURRENT APPLICATION NUMBER: US/10/128,685A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; REMAINING Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-128-685A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy	1	CGGAGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG <th>60</th>	60
Qy	61	GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGGCTCCG <th>120</th>	120
Db	61	GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGGCTCCG <th>120</th>	120
Qy	121	CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCCGCTCGGCTGAGCA <th>180</th>	180
Db	121	CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCCGCTCGGCTGAGCA <th>180</th>	180

181 TTTGACCTGGCTTGGGTGATACGGCGCTTGTGACCGGCGCTGTGAGTTGACTACCC 240
Db |||||
181 TTTGACCTGGCTTGGGTGATACGGCGCTTGTGACCGGCGCTGTGAGTTGACTACCC 240
Qy |||||
241 TTGCACCTACCTACCTAAGGAAGAGAGTTGACGATGTGACGAGAGTTGCGAGCTGTTT 300
Db |||||
241 TTGCACCTACCTACCTAAGGAAGAGAGTTGACGATGTGACGAGAGTTGCGAGCTGTTT 300
Qy |||||
301 TCATTTGCTGAGTTGGGATGAGGATGACATTAATCGAATTAATGGAATGGAATGGA 360
Db |||||
301 TCATTTGCTGAGTTGGGATGAGGATGACATTAATCGAATTAATGGAATGGAATGGA 360
Qy |||||
361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTGCGCATCTTGTGTC 420
Db |||||
361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGCTGCGCATCTTGTGTC 420
Qy |||||
421 CAGATGAGCTGCCATTCGCTGAACTGAGCAAGCAACATTAATGCTGATGCCAATA 480
Db |||||
421 CAGATGAGCTGCCATTCGCTGAACTGAGCAAGCAACATTAATGCTGATGCCAATA 480
Qy |||||
481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
Db |||||
481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
Qy |||||
541 GCACAGAGCTTCAATCTCTTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 600
Db |||||
541 GCACAGAGCTTCAATCTCTTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 600
Qy |||||
601 GTTATATTCAGTCTAAGCAGCAATCTGAGTACGACCAATTTGGAGGAGGCTTACA 660
Db |||||
601 GTTATATTCAGTCTAAGCAGCAATCTGAGTACGACCAATTTGGAGGAGGCTTACA 660
Qy |||||
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
Db |||||
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
Qy |||||
721 CACAGAAATTTCTTGAAGTGAAGAGTATGATGCTTTTAAATGCTCTCTCTTAAC 780
Db |||||
721 CACAGAAATTTCTTGAAGTGAAGAGTATGATGCTTTTAAATGCTCTCTCTTAAC 780
Qy |||||
781 TCTGGGTGATTTAACTACAACTCTTCTCTGCTGCTGATGATGATGATGATGATGAT 840
Db |||||
781 TCTGGGTGATTTAACTACAACTCTTCTCTGCTGCTGATGATGATGATGATGATGAT 840
Qy |||||
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGCTTCTCTGAGAGCTGAGTATCTAT 900
Db |||||
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGCTTCTCTGAGAGCTGAGTATCTAT 900
Qy |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Qy |||||
961 GTTGTGATGATTAAGCTGAGATCATCAAGAGCAGGCTCTTCTACAAAAGTGAAT 1020
Db |||||
961 GTTGTGATGATTAAGCTGAGATCATCAAGAGCAGGCTCTTCTACAAAAGTGAAT 1020
Qy |||||
1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGCTGTAATAGACATCTAA 1080
Db |||||
1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGCTGTAATAGACATCTAA 1080
Qy |||||
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTCTGATATAGGCTTAAAGATCA 1140
Db |||||
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTCTGATATAGGCTTAAAGATCA 1140
Qy |||||
1141 CTATAAATGCAAAATAAGTACTCAAAATCTGTG 1174
Db |||||
1141 CTATAAATGCAAAATAAGTACTCAAAATCTGTG 1174

RESULT 49

US-10-131-820A-271

; Sequence 271, Application US/10131820A

Publication No. US20030203431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C144
; CURRENT APPLICATION NUMBER: US/10/131,820A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-820A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAGATGGCGCGCCGCAAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGCGCCGCAAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Qy 121 CGCTGTGCTGTGACCATGCGCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAGCA 180
Db 121 CGCTGTGCTGTGACCATGCGCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCTGTGAGTTGACTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCTGTGAGTTGACTACCCC 240
Qy 241 TTGCACACTTACCCCTAAGGAAGAGGAGTTGTACGATGTGACAGAGGTTGCAGGCTGTTT 300

Db 241 TTGACACCTACCTAAGAGAGAGAGTTGTACGATGTCAGAGAGTTGCGAGGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGGAGTGAATTTGATTAATCGAATTAATTTGAATTTGAA 360
Db 301 TCAATTTGTCAGTTTGGAGTGAATTTGATTAATCGAATTAATTTGAATTTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTAATCTGTAGAGCAATATGCTTGCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTCCTAATCTGTAGAGCAATATGCTTGCATCTTGGTTC 420
Qy 421 CAGAAATCAGTTCGATTCGCTAATCTGAGCAAGAAACAACTTATGTCCTGATGCAAAA 480
Db 421 CAGAAATCAGTTCGATTCGCTAATCTGAGCAAGAAACAACTTATGTCCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGAATGATGATGCTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGAATGATGATGCTCC 540
Qy 541 GCACAGAGCTTCATACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTTCAGCAAGAAATCCAGTACGCAACCAATTTGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTTCAGCAAGAAATCCAGTACGCAACCAATTTGAGCAGAGCTTACA 660
Qy 661 AATTTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAG 720
Db 661 AATTTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAG 720
Qy 721 CACAGAAATTTCTGAAGATGGAAGAGTATGCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGAAATTTCTGAAGATGGAAGAGTATGCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGTGCATTTTAACTACAACTCTTCTCTCTCGGTGATGATGCTTTTGGATTTGT 840
Db 781 TCTGGTGCATTTTAACTACAACTCTTCTCTCTCGGTGATGATGCTTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAGCTGATCTAT 900
Qy 901 GTTGACTTGGAGTTTATCAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GTTGACTTGGAGTTTATCAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Qy 961 GTTGACTTGGAGTTTATCAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 1020
Db 961 GTTGACTTGGAGTTTATCAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTAAAGACAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTAAAGACAGTGTATAGACATCTAA 1080
Qy 1081 AATTTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAAAATTAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAAAATTAAGTTACTCAATCTGTG 1174

RESULT 50
US-10-142-886-271
; Sequence 271, Application US/10142886
; Publication No. US20030203432A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Jemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P33301C236
CURRENT APPLICATION NUMBER: US/10/142,886
PRIORITY FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-142-886-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACCGCTGGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGCTGGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGGGGCGCGAGAGGGGAGCTCTGGTGGAGGACCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGGGGCGCGAGAGGGGAGCTCTGGTGGAGGACCACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGTGACATGCGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACATGCGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTGGGTGATACGGGTCTTGCCACGGGGCTGTGAGTTGAGCTACCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGGTCTTGCCACGGGGCTGTGAGTTGAGCTACCC 240
Qy 241 TTGCACACCTACCTTAAGGAGAGAGTGTACGCAATGTCAGAGAGGTTGCGAGCTGTT 300
Db 241 TTGCACACCTACCTTAAGGAGAGAGTGTACGCAATGTCAGAGAGGTTGCGAGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGTGATGATGGAATTTGATTAATCGAATTAATTTGAATTTGAA 360
Db 301 TCAATTTGTCAGTTTGTGATGATGGAATTTGATTAATCGAATTAATTTGAATTTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTAATCTGTAGAGCAATATGCTTGCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTCCTAATCTGTAGAGCAATATGCTTGCATCTTGGTTC 420
Qy 421 CAGAAATCAGTTCGCTAATCTGAGCAAGAAACAACTTATGTCCTGATGCAAAA 480
Db 421 CAGAAATCAGTTCGCTAATCTGAGCAAGAAACAACTTATGTCCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGAATGATGATGCTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGTCAATCTGAGTGAATGATGATGCTCC 540
Qy 541 GCACAGAGCTTCATACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTTCAGCAAGAAATCCAGTACGCAACCAATTTGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTTCAGCAAGAAATCCAGTACGCAACCAATTTGAGCAGAGCTTACA 660

QY 661 AATTGAGAGATCATCTTAAGCAAAATCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAAGAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAAGAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATTTGCTTGGATTTCT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATTTGCTTGGATTTCT 840
QY 841 TGTGCACTGTGTCTACAGCTGTGAGAGATGATTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTGTCTACAGCTGTGAGAGATGATTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTTAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGTGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTGTGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTCATAGAGCTTTTAAATGTTTCTATGATATAGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCTCATAGAGCTTTTAAATGTTTCTATGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174
DB 1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 51
US-10-145-016A-329
; Publication 329, Application US/10145016A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C52

; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper of PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-145-016A-329
Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGCTGGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
QY 121 CGCTGCTGCTGCTGACATGGCTTGGCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCTGCTGCTGCTGACATGGCTTGGCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACTACCTTAAGAGAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300
DB 241 TTGCACACTACCTTAAGAGAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TGTGATGTACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGCCATCTTGGTTCG 420
DB 361 TGTGATGTACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGCCATCTTGGTTCG 420
QY 421 CAGAAATCAGCTGCCATTCGGCTGAATGAGCAAGCAACAACTTATGTCCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTCGGCTGAATGAGCAAGCAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTCTTAACTCTGAGGAGTCTTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTCTTCTTAACTCTGAGGAGTCTTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCCATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCCATGACGGAATAA 600

QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACCATTTGGAGCAGGACCTACA 560
Db 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACACCATTTGGAGCAGGACCTACA 560
QY 661 AATTGGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAGATGGAGAAAGTATGGCTTTTATAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAGATGGAGAAAGTATGGCTTTTATAGATGCCCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTTACAACTCTTGTCTCTCGGTGATGATTTGCTTTGGATTTGT 840
QY 841 TGTGCACTGTTGCTTACAGCTGTGGAGCAGTATCTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCACTGTTGCTTACAGCTGTGGAGCAGTATCTTCCCTCTGAGAGCTGATCTAT 900
QY 901 GTGACTTGGAGTTTATGAATCAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GTGACTTGGAGTTTATGAATCAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGAGGCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGAGGCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTCGCTCATCTGAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCAA 1080
Db 1021 CTTCGCTCATCTGAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATGATAGAGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATGATAGAGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174

RESULT 52

US-10-145-088A-329

; Sequence 329, Application US/10145088A

; Publication No. US2003020343A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C49
; CURRENT APPLICATION NUMBER: US/10/145,088A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-145-088A-329

Query Match

100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGTGGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60
Db 1 CGGAGCGTGGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGGCGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGCTGCTGCTGCTGACCATGGCCCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CGCTGCTGCTGCTGACCATGGCCCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCTGTCACTTGAACCTACCCC 240
Db 181 TTTGACTCGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCTGTCACTTGAACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAGAGGAGTTTGTTCGATGTCAGAGAGTTTCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAGAGGAGTTTGTTCGATGTCAGAGAGTTTCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATTCGATGAGCAATATCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATTCGATGAGCAATATCTTGCCATCTTGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAATTCGAGCAAGAACCACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAATTCGAGCAAGAACCACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTCACTCTGCTGAGGCTCATCTTGGAGTGCATGAGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTCACTCTGCTGAGGCTCATCTTGGAGTGCATGAGGACTCC 540

QY 421 CAGATACAGTGCCTGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
DB 421 CAGATACAGTGCCTGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCAAACTCTTCAAGTACATCTTCAAGCCGATGACGGAATAAATA 600
DB 541 GCACAGAGCTTCAAACTCTTCAAGTACATCTTCAAGCCGATGACGGAATAAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACTTCA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACTTCA 660
QY 661 AATTGGAGAAATCATCTTAAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGGAGAAATCATCTTAAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTGAGATGGAAGTATGCTGCTTTTAAAGTGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGAGATGGAAGTATGCTGCTTTTAAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGTTATGCTTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGTTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATATCTAT 900
DB 841 TGTGCAACTGTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGTATGAGAAAGCAGGCTCTACCTACAAAAGTAAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGTATGAGAAAGCAGGCTCTACCTACAAAAGTAAAT 1020
QY 1021 CTTCCTCATCTGAAATTAAGCAATTTCTTTTAAAGACAGTGTAAAGACATCTAA 1080
DB 1021 CTTCCTCATCTGAAATTAAGCAATTTCTTTTAAAGACAGTGTAAAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATTAAGTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAAAATTAAGTACTCAATCTGTG 1174

RESULT 55
US-10-146-728-271
; Sequence 271, Application US/10146728
; Publication No. US2003020347A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C321
; CURRENT APPLICATION NUMBER: US/10/146,728
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-728-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGGTGGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGCGCGCGAGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCTTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTGGGTGATACGGCTCTTGGCCGAGGTTCCGGGACCGCTTCAGTTGACTACCC 240
DB 181 TTTGACTCGGTCTGGGTGATACGGCTCTTGGCCGAGGTTCCGGGACCGCTTCAGTTGACTACCC 240
QY 241 TTGCACACCTACCTTAAGGAGAGGAGTTGTACGATGTCAGAGAGTTGAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAGAGGAGTTGTACGATGTCAGAGAGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGGATGTAATTTGAATTTAAATCGAACTAAATTTGAATTTGA 360
DB 301 TCAATTTGTCAGTTTGGATGTAATTTGAATTTAAATCGAACTAAATTTGAATTTGA 360
QY 361 TCTGCATGTACAGAGATATTCCTCAATCTGATGAGCAATATGCTTCCATCTTGGTCC 420
DB 361 TCTGCATGTACAGAGATATTCCTCAATCTGATGAGCAATATGCTTCCATCTTGGTCC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGATGAGTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGATGAGTCC 540
QY 541 GCACAGAGCTTCAAACTCTTCAAGTACATCTTCAAGCCGATGACGGAATAAATA 600
DB 541 GCACAGAGCTTCAAACTCTTCAAGTACATCTTCAAGCCGATGACGGAATAAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACTTCA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACTTCA 660
QY 661 AATTGGAGAAATCATCTTAAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGGAGAAATCATCTTAAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTGAGATGGAAGTATGCTGCTTTTAAAGTGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGAGATGGAAGTATGCTGCTTTTAAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGTTATGCTTTGGATTTGT 840

```
Db      781  TCTGGTGGATTTTAACTACAACTCTTGTCTCTGGGTAGGTATGCTTTGGATTTGT 840
Qy      841  TGTCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGAGTATCTAT 900
Db      841  TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGAGTATCTAT 900
Qy      901  GGTGACCTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db      901  GGTGACCTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Qy      961  GTTGTAGATCTAAACTGAGATCATGAAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Db      961  GTTGTAGATCTAAACTGAGATCATGAAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Qy      1021  CTTCCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Db      1021  CTTCCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Qy      1081  AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Db      1081  AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Qy      1141  CTATAAATGCAAAATAAAGTTACTCAAACTGTG 1174
Db      1141  CTATAAATGCAAAATAAAGTTACTCAAACTGTG 1174

RESULT 56
US-10-146-786-271
; Sequence 271, Application US/10146786
; Publication No. US20030203438A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C313
; CURRENT APPLICATION NUMBER: US/10/146.786
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-786-271

Query Match      100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db      1  CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Qy      61  GGGACACAGATGGCGGCGCCGAGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
```

```
Db      61  GGGACACAGATGGCGGCGCCGAGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy      121  CCGCTGCTGCTGTGACCAATGCGCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTCAAGCA 180
Db      121  CCGCTGCTGCTGTGACCAATGCGCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTCAAGCA 180
Qy      181  TTTGACTTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
Db      181  TTTGACTTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
Qy      241  TTGCACACCTTACCTAAGAAAGAGGAGTTGTACGGCATGTGAGAGGTTGACAGGCTGTTT 300
Db      241  TTGCACACCTTACCTAAGAAAGAGGAGTTGTACGGCATGTGAGAGGTTGACAGGCTGTTT 300
Qy      301  TCAATTTGTGCTGAGTATGCAATTTGAATCTTAAATCGAACTAAATTTGAAATGTGAA 360
Db      301  TCAATTTGTGCTGAGTATGCAATTTGAATCTTAAATCGAACTAAATTTGAAATGTGAA 360
Qy      361  TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
Db      361  TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
Qy      421  CAGATCAGCTGCCATTCGCTGAACTGAGACAGACAACTTATGCTCCCTGATGCCAAA 480
Db      421  CAGATCAGCTGCCATTCGCTGAACTGAGACAGACAACTTATGCTCCCTGATGCCAAA 480
Qy      481  ATGCACCTACTCTTTTCTCTAACTCTGCTGAGTCAATCTGAGGTGACATGAGTCTCC 540
Db      481  ATGCACCTACTCTTTTCTCTAACTCTGCTGAGTCAATCTGAGGTGACATGAGTCTCC 540
Qy      541  GCACAGAGCTTCATACCTCTTCTGATGCAATTTTATCTTCAAGCCGATCAGCGAAAATA 600
Db      541  GCACAGAGCTTCATACCTCTTCTGATGCAATTTTATCTTCAAGCCGATCAGCGAAAATA 600
Qy      601  GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGAGCCTACA 660
Db      601  GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGAGCCTACA 660
Qy      661  AATTTGAGAGATCACTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db      661  AATTTGAGAGATCACTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy      721  CACAGGAATTTCTTGAAGATGAGAAAGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
Db      721  CACAGGAATTTCTTGAAGATGAGAAAGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
Qy      781  TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTCTCTCTTAAC 840
Db      781  TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTCTCTCTTAAC 840
Qy      841  TGTCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db      841  TGTCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy      901  GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
Db      901  GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy      961  GTTGTAGATCTAAACTGAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
Db      961  GTTGTAGATCTAAACTGAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
Qy      1021  CTTCCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Db      1021  CTTCCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Qy      1081  AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Db      1081  AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Qy      1141  CTATAAATGCAAAATAAAGTTACTCAAACTGTG 1174
Db      1141  CTATAAATGCAAAATAAAGTTACTCAAACTGTG 1174
```

RESULT 57
US-10-147-499-271
; Sequence 271, Application US/10147499
; Publication No. US20030203439A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C348
; CURRENT APPLICATION NUMBER: US/10/147,499
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-499-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGGGGAAACCCCTCCGAGAAACACGACCAAGCTGAGCTGCTGTGACAGAG	60
DB	1	CGGACGCGTGGGGGAAACCCCTCCGAGAAACACGACCAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATCGGCGCGGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
DB	61	GGGAACAAGATCGGCGCGGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
QY	121	CGGCTGCTGCTGCTGACCAATGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGGAAGCA	180
DB	121	CGGCTGCTGCTGCTGACCAATGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGGAAGCA	180
QY	181	TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTGTGAGTTGACCTACCCC	240
DB	181	TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTGTGAGTTGACCTACCCC	240
QY	241	TTGCAACCTACCTAAGGAGAGAGTTGACGATGTGACAGAGGTTGAGGCTGTTT	300
DB	241	TTGCAACCTACCTAAGGAGAGAGTTGACGATGTGACAGAGGTTGAGGCTGTTT	300
QY	301	TCAATTTGTGCTGTTGTGGATGATGGAATGCACTTAAATCGAACTAAATGGAAATGTGAA	360
DB	301	TCAATTTGTGCTGTTGTGGATGATGGAATGCACTTAAATCGAACTAAATGGAAATGTGAA	360
QY	361	TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCATCTGTTGC	420
DB	361	TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCATCTGTTGC	420
QY	421	CAGAATCAGCTGCCATTCCTGCAACTGAGACAGAAACCAACTATGCTCCTGATGCCAAA	480
DB	421	CAGAATCAGCTGCCATTCCTGCAACTGAGACAGAAACCAACTATGCTCCTGATGCCAAA	480

QY	481	ATGCACCTACTCTTTTCTCTACTCTGGTGAAGTCAATCTGGAGTGAATGAGTACTCC	540
DB	481	ATGCACCTACTCTTTTCTCTACTCTGGTGAAGTCAATCTGGAGTGAATGAGTACTCC	540
QY	541	GCACAGAGCTTTCATACCTCTTCATGGAATTTTATCTTCAAGCCGATACGCGAAAAATA	600
DB	541	GCACAGAGCTTTCATACCTCTTCATGGAATTTTATCTTCAAGCCGATACGCGAAAAATA	600
QY	601	GTTATATTCAGTCTTAAGCCAGAAATCCAGTAGCGACCACTTTGGAGCAGGAGCTTACA	660
DB	601	GTTATATTCAGTCTTAAGCCAGAAATCCAGTAGCGACCACTTTGGAGCAGGAGCTTACA	660
QY	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
DB	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCCCTCTCTCTTAAC	780
DB	721	CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCCCTCTCTCTTAAC	780
QY	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTATTGCTTTGGATTTGT	840
DB	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTATTGCTTTGGATTTGT	840
QY	841	TGTCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900
DB	841	TGTCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900
QY	901	GCTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGG	960
DB	901	GCTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGG	960
QY	961	GTTCTTAGATCTAAACTGAAGATCATGAAGAGCGGCGCTTACTTACAAAGTGAAT	1020
DB	961	GTTCTTAGATCTAAACTGAAGATCATGAAGAGCGGCGCTTACTTACAAAGTGAAT	1020
QY	1021	CTTCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTCTAATAGACATCTAA	1080
DB	1021	CTTCTCATCTGAAATTTAAGCATTTTCTTTTAAAGCAAGTCTAATAGACATCTAA	1080
QY	1081	AATTCACCTCTCTACAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA	1140
DB	1081	AATTCACCTCTCTACAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA	1140
QY	1141	CTATATATGCAATTAAGTTACTCAAACTCTGG	1174
DB	1141	CTATATATGCAATTAAGTTACTCAAACTCTGG	1174

RESULT 58
US-10-157-798-271
; Sequence 271, Application US/10157798
; Publication No. US20030203440A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C443
CURRENT APPLICATION NUMBER: US/10/157,798
CURRENT FILING DATE: 2002-05-29
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-157-798-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGGCTGGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60
DB	1	CGGACGGCTGGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAAACAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
DB	61	GGGAAACAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
QY	121	CGCTGCTGCTGCTGACCATCGCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
DB	121	CGCTGCTGCTGCTGACCATCGCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTGGGTGATACGGCTCTTCGACCGGGCTGTGAGTGAACCTACCCC	240
DB	181	TTTGACTCGGTCTTGGGTGATACGGCTCTTCGACCGGGCTGTGAGTGAACCTACCCC	240
QY	241	TTTGACACTACCTTACGAAAGAGAGAGTTGACCATGTTCAGAGAGGTTTCAGGCTGTTT	300
DB	241	TTTGACACTACCTTACGAAAGAGAGAGTTGACCATGTTCAGAGAGGTTTCAGGCTGTTT	300
QY	301	TCATTTGTGCTGTTGGATGATGGAATTCATTAATCGAATTAATGGAATGGA	360
DB	301	TCATTTGTGCTGTTGGATGATGGAATTCATTAATCGAATTAATGGAATGGA	360
QY	361	TCGTGATGATGACAGAGATATTCCTCAATCTGATGAGCAATGCTGCCATCTTGGTTGC	420
DB	361	TCGTGATGATGACAGAGATATTCCTCAATCTGATGAGCAATGCTGCCATCTTGGTTGC	420
QY	421	CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGCTGCTGATGCCAAA	480
DB	421	CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGCTGCTGATGCCAAA	480
QY	481	ATGCACTACTCTTCTCTCACTGCTGAGGTCATTCGAGTGACATGATGAGCTCC	540
DB	481	ATGCACTACTCTTCTCTCACTGCTGAGGTCATTCGAGTGACATGATGAGCTCC	540
QY	541	GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCGGATGACGGAAAAA	600
DB	541	GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCGGATGACGGAAAAA	600
QY	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTGGAGCAGGACCTTACA	660
DB	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTGGAGCAGGACCTTACA	660
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCAGAG	720
DB	661	AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCAGAG	720
QY	721	CACAGAAATTTCTGAAATGAGAAAGTGTGCTTTTAAAGTGCCTCTCTCTTAAAC	780
DB	721	CACAGAAATTTCTGAAATGAGAAAGTGTGCTTTTAAAGTGCCTCTCTCTTAAAC	780
QY	781	TCGTGGTGAATTTAACTACAACTCTTGTCTCTCGGTGATGATGATGCTTTGGATTGT	840
DB	781	TCGTGGTGAATTTAACTACAACTCTTGTCTCTCGGTGATGATGATGCTTTGGATTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGAGAGGATGTTTCCCTCTGAGAACTGATATCTAT	900
DB	841	TGTGCAACTGTTGCTACAGCTGTGAGAGGATGTTTCCCTCTGAGAACTGATATCTAT	900

RESULT 59

US-10-165-038A-329
Sequence 329, Application US/10165038A
Publication No. US20030203441A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC29
CURRENT APPLICATION NUMBER: US/10/165.038A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632

;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 329
;; LENGTH: 1174
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-165-038A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGCGCGCGCGGAGGAGCGCTCTGGGTGAGGACCCCACTGGGCTCCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGGAGGAGCGCTCTGGGTGAGGACCCCACTGGGCTCCCG 120

QY 121 CGCGTGTGTGTGACCAATGCGCTTGGCGGAGGTTGGGAGCGCTTGGCTGAGCA 180
DB 121 CGCGTGTGTGTGACCAATGCGCTTGGCGGAGGTTGGGAGCGCTTGGCTGAGCA 180

QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTCTGCGACCGGCGCTGTGAGTACCTACCCC 240
DB 181 TTTGACTCGGTCTGGGTGATACGGCGCTCTGCGACCGGCGCTGTGAGTACCTACCCC 240

QY 241 TTGCACACCTACCCTAAGGAAGAGAGTTGTACGCAATGTGACAGAGTTGCGGCTGTTT 300
DB 241 TTGCACACCTACCCTAAGGAAGAGAGTTGTACGCAATGTGACAGAGTTGCGGCTGTTT 300

QY 301 TCAATTTGTGAGTTGTGGATGAAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
DB 301 TCAATTTGTGAGTTGTGGATGAAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATCCCAATCTGTATGAGCAATATGCTTGCATCTGGTTGC 420
DB 361 TCTGCATGTACAGAAGCATATCCCAATCTGTATGAGCAATATGCTTGCATCTGGTTGC 420

QY 421 CAGAACTGAGTCCATTCGCTGACAGCAAGAACAACTTATGTCCTGATGCAAAA 480
DB 421 CAGAACTGAGTCCATTCGCTGACAGCAAGAACAACTTATGTCCTGATGCAAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTCTGGTGAAGTCAATCTGGAGTCAATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTCTGGTGAAGTCAATCTGGAGTCAATGAGCTCC 540

QY 541 GCACAGCTTCATACCTCTTCATGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
DB 541 GCACAGCTTCATACCTCTTCATGACTTTTATCTTCAAGCCGATGACGAAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACAATTTGGAGAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACAATTTGGAGAGGAGCTTACA 660

QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGCTTATGCTTTGATTTGT 840

RESULT 60
US-10-165-353A-329
; Sequence 329, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1240
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGCTATTTGCTTTGGATTTGT 840

QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGATATGTTCCCTCTGAGAGCTGTGATCTAT 900

DB 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGATATGTTCCCTCTGAGAGCTGTGATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTTGTG 960

DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTCTACTACCAAAAGTGAAT 1020

DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTCTACTACCAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTTTCTTATGATATAGGCTTAAAGAAATCA 1140

DB 1081 AATTCACCTCTCATAGAGCTTTTAAATAGTTTCTTATGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

DB 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-165-353A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGAGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACAAAGATGGGGCGCCGAGCGGAGCGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGACAAAGATGGGGCGCCGAGCGGAGCGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CGCGTGTGCTGTGACCATCGCTTGGCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCGTGTGCTGTGACCATCGCTTGGCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGTGACTCGTCTGGGATACGCGCTGTCACCGGGCTGTGAGTTGACTACCTACCCC 240
DB 181 TTGTGACTCGTCTGGGATACGCGCTGTCACCGGGCTGTGAGTTGACTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGACGATGTGACAGAGGTTGACGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGACGATGTGACAGAGGTTGACGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTCATTTAACTGAATGGAATGGAATGGA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATTCATTTAACTGAATGGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAGACATATTCCTCAATCTGATGAGCAATATGCTGCCATCTTGTGTC 420
DB 361 TCTGCATGTACAGAGACATATTCCTCAATCTGATGAGCAATATGCTGCCATCTTGTGTC 420
QY 421 CAGAACTAGCTCCGATTCGCTGAATGAGACAGACAGCAACTATGTCCTGATGCCAAA 480
DB 421 CAGAACTAGCTCCGATTCGCTGAATGAGACAGACAGCAACTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTCACTCTGCTGAGGTCAATTCGAGGTGACATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTCACTCTGCTGAGGTCAATTCGAGGTGACATGATGAGCTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCTGAGCTTTTATCTTCAAGCGGATGACGGAAATA 600
DB 541 GCACAGAGCTTCAATACCTCTTCTGAGCTTTTATCTTCAAGCGGATGACGGAAATA 600
QY 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660
DB 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660
QY 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAAAAGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAAAAGAGAAATTCACAGCG 720
QY 721 CACAGGAAATTTCTTGAAGATGGAGAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780

RESULT 61

US-10-167-600-329
; Sequence 329, Application US/10167600
; Publication No. US2003020343A1
; GENERAL INFORMATION:

- APPLICANT: Ashkenazi, Avi
 - APPLICANT: Baker Kevin P.
 - APPLICANT: Botstein, David
 - APPLICANT: Desnoyers, Luc
 - APPLICANT: Eaton, Dan
 - APPLICANT: Ferrara, Napoleon
 - APPLICANT: Filvaroff, Ellen
 - APPLICANT: Fong, Sherman
 - APPLICANT: Gao, Wei-Oiang
 - APPLICANT: Gerber, Hanspeter
 - APPLICANT: Gerritsen, Mary E.
 - APPLICANT: Goddard, Audrey
 - APPLICANT: Godowski, Paul J.
 - APPLICANT: Grimaldi, J. Christopher
 - APPLICANT: Gurney, Austin L.
 - APPLICANT: Hillan, Kenneth J.
 - APPLICANT: Kljavin, Ivar J.
 - APPLICANT: Kuo, Sophia S.
 - APPLICANT: Napier, Mary A.
 - APPLICANT: Pan, James
 - APPLICANT: Paoni, Nicholas F.
 - APPLICANT: Roy, Margaret Ann
 - APPLICANT: Shelton, David L.
 - APPLICANT: Stewart, Timothy A.
 - APPLICANT: Tumas, Daniel
 - APPLICANT: Williams, P. Mickey
 - APPLICANT: Wood, William I.
- ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249

;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 329
;; LENGTH: 1174
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-167-600-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGAAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGCTCCCG 120
DB 61 GGGAAACAGATGCGCGCGCGGAGGGGAGCTCTGGGTGAGGACCCAACTGGGCTCCCG 120
QY 121 CCCTGCTGCTGCTGACCATGTCCTGGCGGAGCTTCGGGAGCCGCTTCGGCTGGAAGCA 180
DB 121 CCCTGCTGCTGCTGACCATGTCCTGGCGGAGCTTCGGGAGCCGCTTCGGCTGGAAGCA 180
QY 181 TTGACTCGCTTTGGGTGATAGCGGCTTCGCCACCGGCTGTCAGTTCAGCTACCC 240
DB 181 TTGACTCGCTTTGGGTGATAGCGGCTTCGCCACCGGCTGTCAGTTCAGCTACCC 240
QY 241 TTCACACCTTACCCTTAAGGAAGAGGAGTTGTAGCATGTTCAGAGGTTGAGGCTGTT 300
DB 241 TTCACACCTTACCCTTAAGGAAGAGGAGTTGTAGCATGTTCAGAGGTTGAGGCTGTT 300
QY 301 TCAATTTGTCAGTTTGGGTGATGGAATGACTTAATTCGAATTCGAATTCGAATGGA 360
DB 301 TCAATTTGTCAGTTTGGGTGATGGAATGACTTAATTCGAATTCGAATTCGAATGGA 360
QY 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGACATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGATCAGTGGCATTCGCTGAACTGAGCAAGAACTTATGTCCTGATGCAAAA 480
DB 421 CAGATCAGTGGCATTCGCTGAACTGAGCAAGAACTTATGTCCTGATGCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGTCACTCTGGAGTGAATGAGTGCCTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGTCACTCTGGAGTGAATGAGTGCCTCC 540
QY 541 GCACAGAGCTTCAACCTCTTATGCACTTTTATCTTCAGCCGATGACCGAAATA 600
DB 541 GCACAGAGCTTCAACCTCTTATGCACTTTTATCTTCAGCCGATGACCGAAATA 600
QY 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720

DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTTAACTACAACTCTTGTCCCTCTCGGTGATGCTTGTGGATTTGT 840
DB 781 TCTGGGTGGAATTTTAACTACAACTCTTGTCCCTCTCGGTGATGCTTGTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
DB 901 GGTGACTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020
QY 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGCTGTATAGCATCTAA 1080
DB 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGCTGTATAGCATCTAA 1080
QY 1081 AATTCACCTCTCTACAGCTTTTAAATGTTTCTTGTGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTACAGCTTTTAAATGTTTCTTGTGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 62

US-10-170-481A-329
; Sequence 329, Application US/10170481A
; Publication No. US2003020344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC53
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-170-481A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGCTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 CGGAAACAAGATGGCGGCGCCGAGAGGAGCTCTGGGTGAGGACCCCACTGGGGGCTCCCG 120
DB 61 CGGAAACAAGATGGCGGCGCCGAGAGGAGCTCTGGGTGAGGACCCCACTGGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGCATCACCATGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGCATCACCATGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCACTTGAACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCACTTGAACCTACCCC 240
QY 241 TTGGACACCTACCTTAAGAGAGAGGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGGACACCTACCTTAAGAGAGAGGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCACTTTGTGGATCGAATTCGACTTAAATCGAATTAATTTGAATGTGAA 360
DB 301 TCAATTTGTCACTTTGTGGATCGAATTCGACTTAAATCGAATTAATTTGAATGTGAA 360
QY 361 TGTGATGTACAGAGCATTTCCCATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
DB 361 TGTGATGTACAGAGCATTTCCCATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTCCCATTCGCTGAAGTGAAGCAAGCAACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTCCCATTCGCTGAAGTGAAGCAAGCAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGACCTACTCTTTCCTTAACCTGCTGAGGTCATTTCTGAGTGCATGATGGACTCC 540
DB 481 ATGACCTACTCTTTCCTTAACCTGCTGAGGTCATTTCTGAGTGCATGATGGACTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAATA 600
DB 541 GCACAGAGCTTCAATACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGACCTTACA 660

DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGACCTTACA 660
QY 661 AATTTCAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGCAATAGAGAAATTCACAAGCG 720
DB 661 AATTTCAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGCAATAGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGAGAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGAGAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTTGTCTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTTGTCTTGGATTTGT 840
QY 841 TGTGCAACTGTTCTACAGCTGTGAGAGCATATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTCTACAGCTGTGAGAGCATATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAANTCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAANTCTGTG 1174

RESULT 63
US-10-172-039A-329
; Sequence 329, Application US/10172039A
; Publication No. US20030203445A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC30
CURRENT APPLICATION NUMBER: US/10/172,039A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 329
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo sapiens
US-10-172-039A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGAGCGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACAGATCGCGCGCGGAGGGAGCTCTGGGTGAGGCCCACTGGGGCTCCCG 120
DB 61 GGGACAGATCGCGCGCGGAGGGAGCTCTGGGTGAGGCCCACTGGGGCTCCCG 120

QY 121 CGGCTGCTCTGCTGACCATATGCGCTTGGCGGAGGTTGGCGGACCGCTTCGGCTGGAAGCA 180
DB 121 CGGCTGCTCTGCTGACCATATGCGCTTGGCGGAGGTTGGCGGACCGCTTCGGCTGGAAGCA 180

QY 181 TTGACTCGGCTTGGGTGATACGGCGCTTGGCAACCGGCGCTGTGAGTGGACCTACCC 240
DB 181 TTGACTCGGCTTGGGTGATACGGCGCTTGGCAACCGGCGCTGTGAGTGGACCTACCC 240

QY 241 TTGCAACCTACCTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGCGAGCTGTTT 300
DB 241 TTGCAACCTACCTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGCGAGCTGTTT 300

QY 301 TCAATTTGTCAGTTGTGGATGATGGAATTTGACTTAAATCGAATCGAATTTGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTGTGGATGATGGAATTTGACTTAAATCGAATCGAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTTGGTTGC 420

QY 421 CAGAATCAGTGCCTATTCCTGCTGAACTGAGACAAGAACCACTTTATGCTCCTGATGCCAAA 480
DB 421 CAGAATCAGTGCCTATTCCTGCTGAACTGAGACAAGAACCACTTTATGCTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTTAACTCTGTTGAGTCAATCTGAGTGACATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTTAACTCTGTTGAGTCAATCTGAGTGACATGATGAGCTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600

DB 541 GCACAGAGCTTCATAACCTCTTCATGGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600
QY 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTTGGAGGAGGCTTACA 660
DB 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTTGGAGGAGGCTTACA 660
QY 661 AATTGTGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGTGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGGAATTTTAACTACAACTCTCTCTCGGTGATGGTATTGCTTTGGATTCT 840
DB 781 TCTGGGTGGAATTTTAACTACAACTCTCTCTCGGTGATGGTATTGCTTTGGATTCT 840

QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATCTAT 900
DB 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTCTCTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGAGCGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGAGCGGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCAATCTGAAATTTTAAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCAATCTGAAATTTTAAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 64
US-10-210-028-329
; Sequence 329, Application US/10210028
; Publication No. US2003020346A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

```

/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1CS2
/ CURRENT APPLICATION NUMBER: US/10/210,028
/ CURRENT FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 329
/ LENGTH: 1174
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-210-028-329

```

Query Match	100.0%	Score 1174;	DB 13;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174;	Conservative	0;	Mismatches 0;	Indels 0; Gaps 0;
QY	1	CGGACGCGTGGGGAAACCCCTTCGACAGAAACAGCAACCAAGCTGAGCTGCTGTGACAGAG	60	
Db	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACCAAGCTGAGCTGCTGTGACAGAG	60	
QY	61	GGGAAACAAGATGGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCAACTGSGGGCTCCCG	120	
Db	61	GGGAAACAAGATGGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCAACTGSGGGCTCCCG	120	
QY	121	CGCGTCGCTGCTGACACCATGCGCTTCGGCGGAGGTTCCGGGACCGCTCGGCTGAAGCA	180	
Db	121	CGCGTCGCTGCTGACACCATGCGCTTCGGCGGAGGTTCCGGGACCGCTTCGCGTGAAGCA	180	
QY	181	TTTGACTCGGCTCTGGGTGATACGCGCTCTTTGCCACGGGCGCTGTGAGTTGACCTTACCCC	240	
Db	181	TTTGACTCGGCTCTGGGTGATACGCGCTCTTTGCCACGGGCGCTGTGAGTTGACCTTACCCC	240	
QY	241	TTGCACACCTACCCTTAAGGAAAGAGGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT	300	
Db	241	TTGCACACCTACCCTTAAGGAAAGAGGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT	300	
QY	301	TCAAATTGTGCAGTTTGTGGAATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTCAA	360	
Db	301	TCAAATTGTGCAGTTTGTGGAATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTCAA	360	
QY	361	TTTGCAATGATACAGAGCAATATTCGCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC	420	
Db	361	TTTGCAATGATACAGAGCAATATTCGCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC	420	
QY	421	CAGAACTACGCTGCCATTCGCTGAACTGAGCAAGAACCACTTATGTATGCTGATGCCAAA	480	
Db	421	CAGAACTACGCTGCCATTCGCTGAACTGAGCAAGAACCACTTATGTATGCTGATGCCAAA	480	
QY	481	ATGCACCTACTCTTTCTCCTCTAACTCTGGTAGGTCATCTTGGAGTGACATGATGACCTCC	540	

481	ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTCTGGATGACATGATGGACTCC	540
Qy		
541	GCAACAGAGCTTCATAAACCCTCTTCATCGACCTTTTATCTTCAACCGCATGACGGAATAAATA	600
Db		
541	GCAACAGAGCTTCATAAACCCTCTTCATCGACCTTTTATCTTCAACCGCATGACGGAATAAATA	600
Qy		
601	GTTATATATCCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTTGGACGAGGACCTACA	660
Db		
601	GTTATATATCCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTTGGACGAGGACCTACA	660
Qy		
661	AATTTCAGGAATCATCTCTTAGCRAAAATGCTCTATCTGCAATAGAAATTCACAAAGCG	720
Db		
661	AATTTCAGGAATCATCTCTTAGCRAAAATGCTCTATCTGCAATAGAAATTCACAAAGCG	720
Qy		
721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAATGCTCTCTCTTTAAC	780
Db		
721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAATGCTCTCTCTTTAAC	780
Qy		
781	TCCTGGGTGGATTTTAACTACAACCTCTGTCTCTCGTGCATGGTATTTGCTTTGGATTGTT	840
Db		
781	TCCTGGGTGGATTTTAACTACAACCTCTGTCTCTCGTGCATGGTATTTGCTTTGGATTGTT	840
Qy		
841	TGTGCACACTGTTGCTACAGCTGTGGAGCAGTAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db		
841	TGTGCACACTGTTGCTACAGCTGTGGAGCAGTAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Qy		
901	GGTGACCTTGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGIG	960
Db		
901	GGTGACCTTGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGIG	960
Qy		
961	GTTGTTAGATCTTAAACTGAAATCATGAAGAGCAGGGGCTCTACCTACAAAAGTGAAT	1020
Db		
961	GTTGTTAGATCTTAAACTGAAATCATGAAGAGCAGGGGCTCTACCTACAAAAGTGAAT	1020
Qy		
1021	CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGAACAAGTGTAAATAGACATCTAA	1080
Db		
1021	CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGAACAAGTGTAAATAGACATCTAA	1080
Qy		
1081	AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCAATTCGATATAGGCCCTTAAGAATCA	1140
Db		
1081	AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCAATTCGATATAGGCCCTTAAGAATCA	1140
Qy		
1141	CTATAAATGCAAAATAAGTTACTCAAATCTGTG	1174
Db		
1141	CTATAAATGCAAAATAAGTTACTCAAATCTGTG	1174

RESULT 65
US-10-305-654-7
; Sequence 7, Application US/10305654
; Publication No. US20030224984A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hans-Peter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, J.
; APPLICANT: Paoni, N. F.
; APPLICANT: Stephan, J-P F.
; APPLICANT: Watanabe, C.K.
; APPLICANT: Wood, W.I.
; APPLICANT: Williams, P.M.
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: F3235R1C1
; CURRENT APPLICATION NUMBER: US/10/305.654
; CURRENT FILING DATE: 2003-11-26

```

; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 7
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homosapiens
US-10-305-654-7

```

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0;

Qy	1	CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGG	60
Qy	61	GGGAAACAAGATGGCGGCCGACGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG	120
Db	61	GGGAAACAAGATGGCGGCCGACGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG	120
Qy	121	CGGCTGCTGCTGACCAATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCA	180
Db	121	CGGCTGCTGCTGACCAATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTCAAGCA	180
Qy	181	TTTGACTCGGTCCTTGGGTGATACGGCGCTTTGCCACCGGSCCTGTCACTTGACCTACCCC	240
Db	181	TTTGACTCGGTCCTTGGGTGATACGGCGCTTTGCCACCGGSCCTGTCACTTGACCTACCCC	240
Qy	241	TTTGACACCTTACCTTAAGGAGAGGAGTTGTACCATGTTCAGAGAGGTTGCGAGCGTGTT	300
Db	241	TTTGACACCTTACCTTAAGGAGAGGAGTTGTACCATGTTCAGAGAGGTTGCGAGCGTGTT	300
Qy	301	TCAATTTGTTCAGTTGTGGATGATGGAAATGACATTAATCGAACTAAATTTGGAATGTGAA	360
Db	301	TCAATTTGTTCAGTTGTGGATGATGGAAATGACATTAATCGAACTAAATTTGGAATGTGAA	360
Qy	361	TTTGCAATGTACAGAGCATATTTCCCAATCTGATGAGCAATAATTCGTTGCCATCTTGGTTGC	420
Db	361	TTTGCAATGTACAGAGCATATTTCCCAATCTGATGAGCAATAATTCGTTGCCATCTTGGTTGC	420
Qy	421	CAGAATCAGCTGCCATTCCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTCCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480
Qy	481	ATGCACCTACTTTCTCTTAACCTCTGGTGAGGTCATCTCGAGTGACATGATGACCTCC	540
Db	481	ATGCACCTACTTTCTCTTAACCTCTGGTGAGGTCATCTCGAGTGACATGATGACCTCC	540
Qy	541	GCACAGGCTTCATTAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATAA	600
Db	541	GCACAGGCTTCATTAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATAA	600
Qy	601	GTATATTCAGTCTTAAGCCAGAAATCAGTACGGACCAACATTTGGAGGAGGACCTACA	660
Db	601	GTATATTCAGTCTTAAGCCAGAAATCAGTACGGACCAACATTTGGAGGAGGACCTACA	660
Qy	661	AAATTGAGGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGG	720
Db	661	AAATTGAGGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGG	720
Qy	721	CACAGGAATTTTCTTGAAGATGAGAAAGTGAAGTCTTTTGAAGATGCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGAGAAAGTGAAGTCTTTTGAAGATGCTCTCTCTTAAC	780
Qy	781	TCCTGGGTGGATTTTAACTAACTCTTGTCCCTCTCGGTGATGTTATGCTTCGATTTGT	840
Db	781	TCCTGGGTGGATTTTAACTAACTCTTGTCCCTCTCGGTGATGTTATGCTTCGATTTGT	840
Qy	841	TGTGCAACTCTTCTCAAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTCTTCTCAAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
Qy	901	GGTCACCTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTCTTGG	960

RESULT 66

US-10-028-072-271
; Sequence 271, Application US/10028072
; Publication No. US20030004311A1

```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
1034
1035
1036
1037
1038
1039
1040

```


;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACACAGATGCGCGCCGAGCGGAGCTCTGCGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGACACAGATGCGCGCCGAGCGGAGCTCTGCGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CGCGTGTGCTGCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCGTGTGCTGCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTGAGCTGGTCTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTGAGTTGACTACCC 240
DB 181 TTGAGCTGGTCTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTGAGTTGACTACCC 240

QY 241 TTGCACACTACCCCTAAGAGAGAGGTTGACGATGTACAGAGGTTGACGCTGTTT 300
DB 241 TTGCACACTACCCCTAAGAGAGAGGTTGACGATGTACAGAGGTTGACGCTGTTT 300

QY 301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360
DB 301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360

QY 361 TCTGATGTACAGAGCATATTCOAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATTCOAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420

QY 421 CAGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
DB 421 CAGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480

QY 481 ATGCACCTACTCTTCTCTCTACTCTGCTGAGGTCATCTGAGTGACATGAGACTCC 540
DB 481 ATGCACCTACTCTTCTCTCTACTCTGCTGAGGTCATCTGAGTGACATGAGACTCC 540

QY 541 GCACAGAGTTCAATACCTCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
DB 541 GCACAGAGTTCAATACCTCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660

QY 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAANTGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAANTGAGAAATTCACAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGAGAAAGTATGCTGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGAGAAAGTATGCTGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGATTTTAACTAACAATCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
DB 781 TCTGGGTGATTTTAACTAACAATCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GTTGAATTGAGTTTATGATGAAACAAAGCTTAAACAGATATCCAGTTCTTCTTGTG 960
DB 901 GTTGAATTGAGTTTATGATGAAACAAAGCTTAAACAGATATCCAGTTCTTCTTGTG 960

QY 961 GTTGTAGATCTAAACTCGAATCATGAGAGAGGCGCTCTACTACAAAGTGAAT 1020

RESULT 67

US-10-121-049-271
; Sequence 271, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForse, Laura
; APPLICANT: Desnoyers, Inc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-049-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACACAGATGCGCGCCGAGCGGAGCTCTGCGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGACACAGATGCGCGCCGAGCGGAGCTCTGCGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CGCGTGTGCTGCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCGTGTGCTGCTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTGAGCTGGTCTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTGAGTTGACTACCC 240
DB 181 TTGAGCTGGTCTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTGAGTTGACTACCC 240

QY 241 TTGCAACCTTACCCCTAAGAGAGAGGTTGTAACCATGTGACAGAGGTTGACGCTGTTT 300
DB 241 TTGCAACCTTACCCCTAAGAGAGAGGTTGTAACCATGTGACAGAGGTTGACGCTGTTT 300

301 TCAATTTGTCAGTTTGTGATGATGAAATTTGACTTAATCGAATTAATTTGAAATGTGAA 360
Db
301 TCAATTTGTCAGTTTGTGATGATGAAATTTGACTTAATCGAATTAATTTGAAATGTGAA 360
Qy 361 TCTGCGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGTC 420
Db 361 TCTGCGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGTC 420
Qy 421 CAGATCAGTGGCATTCGTCGTAATCGAGCAAGCAAGCAATTTATGTCCTGATGCCAAA 480
Db 421 CAGATCAGTGGCATTCGTCGTAATCGAGCAAGCAAGCAATTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCT 540
Db 481 ATGCACCTACTCTTTCT 540
Qy 541 GCACAGAGTCTTAACCTCTTATGAGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGTCTTAACCTCTTATGAGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGTAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGTAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGATTTCTTGAAGATGAGAAAGTGATGCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGGATTTCTTGAAGATGAGAAAGTGATGCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACCTTTGCTCTCTGATGATGATTTGTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTTTGCTCTCTGATGATGATTTGTTGGATTTGT 840
Qy 841 TGTGCACTGTGTCAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTGTCAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACCTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTTCTCTTTGTG 960
Db 901 GGTGACCTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTTCTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAT 1020
Qy 1021 CTTCCTATTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTCCTATTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATTAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATTAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 68

US-10-123-904-271

; Sequence 271, Application US/10123904

; Publication No. US20030022328A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

;

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P333031C54
CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-123-904-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGCGCGCGAGGGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGAGGGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCATGCGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGCGCTTGGCCGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATGAGGCTTTCGCCACCGGGCTGTGAGTACCTTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATGAGGCTTTCGCCACCGGGCTGTGAGTACCTTACCC 240
Qy 241 TTGCACACCTTACCTTAAGAGAGAGTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTTACCTTAAGAGAGAGTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
Qy 301 TCAATTTGTGCTGATGATGAGTGTAAATCGAACTAAATTTGAAATGTGAA 360
Db 301 TCAATTTGTGCTGATGATGAGTGTAAATCGAACTAAATTTGAAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Qy 421 CAGATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
Db 421 CAGATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
Qy 481 ATGCACCTACTCTTCT 540
Db 481 ATGCACCTACTCTTCT 540
Qy 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGTAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGTAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

```
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTATCTGCAAAATGAAATTCACAAAGG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTGTCTCAATCTGAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Db 1021 CTGTCTCAATCTGAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCACCTCCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
```

RESULT 69

```
US-10-140-470-271
; Sequence 271, Application US/10140470
; Publication No. US2003022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-470-271
```

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

```
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGCGCGCGAGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGAGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCAATGGCCTTGGCGGAGGTTGGCGGAGCCGCTTCGGCTGAGCA 180
Db 121 CCGCTGCTGCTGACCAATGGCCTTGGCGGAGGTTGGCGGAGCCGCTTCGGCTGAGCA 180
Qy 181 TTTGACCTCGCTCTGGGTGATACGGCTCTTGCCACCGGCGCTGTGACCTTGAACCTACCC 240
Db 181 TTTGACCTCGCTCTGGGTGATACGGCTCTTGCCACCGGCGCTGTGACCTTGAACCTACCC 240
Qy 241 TTGCACACCTACCTAAGGAGGAGTTGTACGCAATGTCAGAGGTTGCGAGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAGGAGTTGTACGCAATGTCAGAGGTTGCGAGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGGGATGATGGAATTTGACTTAATCGAACTAAATTTGAAATGTA 360
Db 301 TCAATTTGTCAGTTTGGGATGATGGAATTTGACTTAATCGAACTAAATTTGAAATGTA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
Qy 421 CAGATCAGCTGCTTCCGCTGACAGACAGAACTTATGCTCCCTGATGCGCAAAA 480
Db 421 CAGATCAGCTGCTTCCGCTGACAGACAGAACTTATGCTCCCTGATGCGCAAAA 480
Qy 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGTCAATTTGGAGTGACATGATGGA 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGTCAATTTGGAGTGACATGATGGA 540
Qy 541 GCAAGAGCTTCAATAACCTTCTCAAGCACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCAAGAGCTTCAATAACCTTCTCAAGCACTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTTCTGCAATGAGAAATTCACAAAGG 720
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTTCTGCAATGAGAAATTCACAAAGG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGCTCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTGTCTCAATCTGAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Db 1021 CTGTCTCAATCTGAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
```

QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 70
US-10-175-746-271
; Sequence 271, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333OR1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-746-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGGTGCTGCTGTACCACTGCGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAGACA 180
Db 121 CGGTGCTGCTGTACCACTGCGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAGACA 180
QY 181 TTGTACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTGTACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAAGAAAGAGTTGACGATGTACAGAGGTTCAGAGCTGTTT 300
Db 241 TTGCACACCTACCTTAAAGAAAGAGTTGACGATGTACAGAGGTTCAGAGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGATGATCGAATTGACTTAAATCGAATTCGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGATGATCGAATTGACTTAAATCGAATTCGAATGTGAA 360

QY 361 TCTGCATGTACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAAATGAGTGGCCATTCTGCTGAACTGAGAGCAAGAACTTATGTCCTGATGACCAAA 480
Db 421 CAGAAATGAGTGGCCATTCTGCTGAACTGAGAGCAAGAACTTATGTCCTGATGACCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTTCATAACCTCTTCAATGAGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTTCATAACCTCTTCAATGAGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGTCCAGCACTTTCGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGTCCAGCACTTTCGAGCAGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGTCTTTTAAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGTCTTTTAAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGTGTATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGTGTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGTGATCTAT 900
Db 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTGATGCTTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTGATGCTTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTCCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTATATAGACATCTAA 1080
Db 1021 CTTCCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTATATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 71
US-10-176-918-271
; Sequence 271, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

Db 421 CAGAAATCAGCTGCCATTCGCTGAACAGAGAGAGAACTTATGTCCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTTACTCTGCTGAGGCTCATCTGAGTGCATGATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTCTTACTCTGCTGAGGCTCATCTGAGTGCATGATGAGCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGCTTAAGCCGAGAAATCAGTACGACACCACTTTTGGAGGAGGCTTACA 660
Db 601 GTTATATTCAGCTTAAGCCGAGAAATCAGTACGACACCACTTTTGGAGGAGGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTGAGATGGAAGAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGGAAGAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGTGTGATGCTTCTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGTGTGATGCTTCTTGGATTGT 840
Qy 841 TGTGCACTGTTGCTACAGCTGTGAGAGTATGTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCACTGTTGCTACAGCTGTGAGAGTATGTTCCCTCTGAGAGCTGATCTAT 900
Qy 901 GGTGACTGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAGATCATGAAAGAGAGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAGATCATGAAAGAGAGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTATGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATCAAAATGAAGTACTCAAACTGTG 1174
Db 1141 CTATAAATCAAAATGAAGTACTCAAACTGTG 1174

RESULT 74

US-10-470-474-271
; Sequence 271, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-474-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Qy 61 GGGAAACAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGGCGCGGAGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGCTCTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTCACTTGGAGCTACCCC 240
Db 181 TTTGACTCGCTCTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTCACTTGGAGCTACCCC 240
Qy 241 TTTGCAACCTACCTTAAGAGAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300
Db 241 TTTGCAACCTACCTTAAGAGAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGCTGCTGAGTATGAGTAACTTAAATCGAATTAATTTGGATGTGAA 360
Db 301 TCAATTTGTGCTGCTGAGTATGAGTAACTTAAATCGAATTAATTTGGATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTC 420
Qy 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAACTTATGTCTCTGATGACCTTAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAACTTATGTCTCTGATGACCTTAA 480
Qy 481 ATGCACCTACTCTTCTCTCTTAACTCTGCTGAGGTCATTTCTGAGTGCATGATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTCTCTTAACTCTGCTGAGGTCATTTCTGAGTGCATGATGAGCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGCTTAAGCCGAGAAATCAGTACGACACCACTTTTGGAGGAGGCTTACA 660
Db 601 GTTATATTCAGCTTAAGCCGAGAAATCAGTACGACACCACTTTTGGAGGAGGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTGAGATGGAAGAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGGAAGAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGTGTGATGCTTCTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGTGTGATGCTTCTTGGATTGT 840

```
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGTCTATTCTGAAATTAAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
DB 1021 CTGTCTATTCTGAAATTTAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 75
US-10-142-431-271
; Sequence 271, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-431-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGTCACAGAG 60
DB 1 CGGACCGTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGTCACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGGAGGGAGCTCTGGGTGAGAACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGCGCGGAGGGAGCTCTGGGTGAGAACCCAACTGGGGCTCCCG 120
```

```
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTTGGCGGAGGTTTCGGGACCGCTTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCCTTTGGCGGAGGTTTCGGGACCGCTTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTGAGTGAACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTGAGTGAACCTACCCC 240
QY 241 TTGCACACCTACCTACGGAAGAGGAGTGTGACGATGTGCAGAGAGTTTGCAAGCTGTTT 300
DB 241 TTGCACACCTACCTACGGAAGAGGAGTGTGACGATGTGCAGAGAGTTTGCAAGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGGAATTAAGTAACTTAATCGAACTAAATTTGAATGTGAA 360
DB 301 TCAATTTGTGAGTTGTGGATGGAATTAAGTAACTTAATCGAACTAAATTTGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCTATCTGATGAGCAATATGCTTCCATCTTGGTTCC 420
DB 361 TCTGCATGTACAGAAAGCATATTCCTATCTGATGAGCAATATGCTTCCATCTTGGTTCC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGAGTGAAGTCAATCTGAGTGAAGTCAATCTGAGT 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGAGTGAAGTCAATCTGAGTGAAGTCAATCTGAGT 540
QY 541 GCACAGAGCTTCATACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGACGACCACTTTGGAGAGGAGCTTAC 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGACGACCACTTTGGAGAGGAGCTTAC 660
QY 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
DB 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAAGATGAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAAGATGAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGTATGCTTATGCTTCTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGTATGCTTATGCTTCTGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACAGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGTCTATTCTGAAATTTAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
DB 1021 CTGTCTATTCTGAAATTTAGCAATTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
```

RESULT 76

US-10-143-114-271
; Sequence 271, Application US/10143114
; Publication No. US20030036180A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-114-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGACACAGATGCGGCGCGGCGGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
DB 61 GGGACACAGATGCGGCGCGGCGGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
QY 121 CGCTGCTGCTGTGACCAATGCGCTTGGCGGAGGTTGCGGAGCGCTTGGCTGAGCA 180
DB 121 CGCTGCTGCTGTGACCAATGCGCTTGGCGGAGGTTGCGGAGCGCTTGGCTGAGCA 180
QY 181 TTGACTCGGCTTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGACTGACCTACCCC 240
DB 181 TTGACTCGGCTTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGACTGACCTACCCC 240
QY 241 TTGCAACCTACCTTAAGAAAGAGGTTGACGATGTCAGAGGTTGAGGCTGTTT 300
DB 241 TTGCAACCTACCTTAAGAAAGAGGTTGACGATGTCAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGCAATTTGACTTTAAATCGAATTCGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGCAATTTGACTTTAAATCGAATTCGAATGTGAA 360
QY 361 TGTGATGTCAGAGCAATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
DB 361 TGTGATGTCAGAGCAATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAACTCAGCTGCATCTGCTGAACCTGAGACAGAAACAACTTATGCTCCTCATGCCAAA 480
DB 421 CAGAACTCAGCTGCATCTGCTGAACCTGAGACAGAAACAACTTATGCTCCTCATGCCAAA 480
QY 481 ATGACCTACTTTCCTCTAACTCTGGTGAGGTCATCTGAGTGACATGATGCTCC 540

DB 481 ATGACCTACTTTCCTCTAACTCTGGTGAGGTCATCTTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGGACCTTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGAGCTTCATAACCTCTTCAATGGACCTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCTTACA 660
QY 661 AATTGGAGGAATCATCTCTAAGCBAATTCCTATCTGCAATGAGAAATTCACAAAGCG 720
DB 661 AATTGGAGGAATCATCTCTAAGCBAATTCCTATCTGCAATGAGAAATTCACAAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGTTCCCTCTCAGAAAGCTGAGTATCTAT 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGTTCCCTCTCAGAAAGCTGAGTATCTAT 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGTTGCTTTGGATTTCT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGTTGCTTTGGATTTCT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTCAGAAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTCAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAAATGAAAGCTAAACAGATATCCAGCTTCTTCTTTG 960
DB 901 GGTGACTTGGAGTTTATGAAATGAAAGCTAAACAGATATCCAGCTTCTTCTTTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTGCTCATCTTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB 1021 CTGCTCATCTTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 77

US-10-140-002-271
; Sequence 271, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/140,002

; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-002-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAGATGGCGGCGCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCAATGCGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCAATGCGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTGGGGTACCGGCTTCGACCGGCTTCGAGTGAAGCTGCTGCTGCTGCT 240
DB 181 TTTGACTCGGTCTGGGGTACCGGCTTCGACCGGCTTCGAGTGAAGCTGCTGCTGCTGCT 240

QY 241 TTGCACACTACCTTAAAGGAAGAGGTGTGACGATGTGACGAGAGGTGCTGAGGCTGTTT 300
DB 241 TTGCACACTACCTTAAAGGAAGAGGTGTGACGATGTGACGAGAGGTGCTGAGGCTGTTT 300

QY 301 TCAATTTGCTGCTGCTGAGTGAAGTGAATGCACTTAATGCACTTAATGCACTTAATGCA 360
DB 301 TCAATTTGCTGCTGCTGAGTGAAGTGAATGCACTTAATGCACTTAATGCACTTAATGCA 360

QY 361 TCTGATCTACAGAGCATATTCCTTCACTCTGCTGAGTGAATGCTGCTGCTGCTGCTGCT 420
DB 361 TCTGATCTACAGAGCATATTCCTTCACTCTGCTGAGTGAATGCTGCTGCTGCTGCTGCT 420

QY 421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
DB 421 CAGAATCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480

QY 481 ATGCACTTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
DB 481 ATGCACTTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540

QY 541 GCACAGAGCTTCATTAACCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
DB 541 GCACAGAGCTTCATTAACCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACCCACCACTTTGGAGCAGGAGCCTACA 660
DB 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACCCACCACTTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGAAATTTCTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 780
DB 721 CACAGAAATTTCTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTTGT 840

QY 841 TGTGCAATGTTGCTACAGCTGTGGAGCATGTTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAATGTTGCTACAGCTGTGGAGCATGTTTCCCTCTGAGAGCTGAGTATCTAT 900

RESULT 78
US-10-142-419-271
; Sequence 271, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Oiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-419-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGGTGGGGAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAGATGGCGGCGCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCAATGCGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCAATGCGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTTCGCCACCGGGCTGCTCAGTGAAGCTTACCCC 240

181 TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACGGGCGCTGTGCTAGTTGACTACCTACCC 240
241 TTGACACCTACCTTAAAGAGAGAGAGTTGACCATGTGACAGAGGTTGACAGGCTGTTT 300
241 TTGACACCTACCTTAAAGAGAGAGTTGACCATGTGACAGAGGTTGACAGGCTGTTT 300
301 TCAATTTGTGCTGTTGTTGATGATGGAATGACCTTAAATCGAATTAATTTGGAATGTGAA 360
301 TCAATTTGTGCTGTTGTTGATGATGGAATGACCTTAAATCGAATTAATTTGGAATGTGAA 360
361 TCTGATGTGACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
361 TCTGATGTGACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAAGAACTTATGTCCCTGATGCCAAAA 480
421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAAGAACTTATGTCCCTGATGCCAAAA 480
481 ATGCACCTACTCTTCTCTAATCTGTTGAGGTGATCTGAGTGACATGATGGAATCC 540
481 ATGCACCTACTCTTCTCTAATCTGTTGAGGTGATCTGAGTGACATGATGGAATCC 540
541 GCACAGAGCTTCAATACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
541 GCACAGAGCTTCAATACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGAGAGAGGAGCTTACA 660
601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGAGAGAGGAGCTTACA 660
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCAGAGCG 720
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCAGAGCG 720
721 CACAGAAATTTCTGAGATGAGAAATGATGAGCTTTTAAAGATGCTCTCTCTTAAC 780
721 CACAGAAATTTCTGAGATGAGAAATGATGAGCTTTTAAAGATGCTCTCTCTTAAC 780
781 TCTGGTGTGATTTTAACTACACTCTTCTCTCTCGGTGATGTTGTTGATTTGT 840
781 TCTGGTGTGATTTTAACTACACTCTTCTCTCTCGGTGATGTTGTTGATTTGT 840
841 TGTGCAACTTGTGCTACAGCTGTGAGCAGATGTTCCCTCTGAGAGAGCTGATCTAT 900
841 TGTGCAACTTGTGCTACAGCTGTGAGCAGATGTTCCCTCTGAGAGAGCTGATCTAT 900
901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGGGCTCTACCTTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGGGCTCTACCTTACAAAAGTGAAT 1020
1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAGTGTAAATAGACATCTAA 1080
1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAGTGTAAATAGACATCTAA 1080
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174
1141 CTATTAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 79
US-10-017-081A-329
; Sequence 329, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Wary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C69
CURRENT APPLICATION NUMBER: US/10/017,081A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 329
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo sapiens
US-10-017-081A-329

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCTGGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGACAGATGGGGCGCGCGAGGGAGGCTCTGGTGAGGAGCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGGGCGCGCGAGGGAGGCTCTGGTGAGGAGCCCACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGCTCTTGCCACGGGCGCTGTGAGTTGACTACCCC 240
DB 181 TTTGACTCGGCTTGGGTGATACGGCTCTTGCCACGGGCGCTGTGAGTTGACTACCCC 240
QY 241 TTGCACACTTACCTTAAAGAGAGAGGTTGTACGATGTGACAGAGGTTTCAGGCTGTTT 300
DB 241 TTGCACACTTACCTTAAAGAGAGAGGTTGTACGATGTGACAGAGGTTTCAGGCTGTTT 300
QY 301 TCAATTTGTGATTTGGATGATGGAATTTGACCTTAAATCGAATTAATTTGGAATGTGAA 360
DB 301 TCAATTTGTGATTTGGATGATGGAATTTGACCTTAAATCGAATTAATTTGGAATGTGAA 360
QY 361 TCTGATGTGACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
DB 361 TCTGATGTGACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAAGAACTTATGTCCCTGATGCCAAAA 480

Db 421 CAGAAATCAGTGCATTCGGTGAACAGAGCAAGCAAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGATGACTCC 540
Qy 541 GCACAGAGCTTCAAACTCTTCAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 600
Db 541 GCACAGAGCTTCAAACTCTTCAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
Qy 661 AATTGGAGAAATCATCTCTAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 720
Db 661 AATTGGAGAAATCATCTCTAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 720
Qy 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGTGGATTTTAACTCAAACTCTTCTCTCGGTGATGTAATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTCAAACTCTTCTCTCGGTGATGTAATGCTTTGGATTTGT 840
Qy 841 TGTCAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTAACTCAAACTCTTCTCTCGGTGATGTAATGCTTTGGATTTGT 960
Db 901 GGTGACTGGAGTTTAACTCAAACTCTTCTCTCGGTGATGTAATGCTTTGGATTTGT 960
Qy 961 GTTGTAGATCTAACTCAAACTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 1020
Db 961 GTTGTAGATCTAACTCAAACTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 1020
Qy 1021 CTGCTCATCTGAAATTTAAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTGCTCATCTGAAATTTAAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174

RESULT 80
US-10-123-262-271
; Sequence 271, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvarcoff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P33301C38
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-262-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGGAAACCCCTTCCGAGAAAACGAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGGAAACCCCTTCCGAGAAAACGAAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGCGCGCGGAGGAGCTCTGGGTGAGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGGAGGAGCTCTGGGTGAGACCCAACTGGGGTCCCG 120
Qy 121 CCCTGCTGCTGCTGACCATGCGCTTGGCCGAGGTTTGGGGACCGCTTGGCTCAAGCA 180
Db 121 CCCTGCTGCTGCTGACCATGCGCTTGGCCGAGGTTTGGGGACCGCTTGGCTCAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGACGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGATGATGGAATTTGAACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGATGATGGAATTTGAACTTAAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAACATATCCCAATCTGATGAGCAATATGCTTGCATCTCTGTTGC 420
Db 361 TCTGCATGTACAGAACATATCCCAATCTGATGAGCAATATGCTTGCATCTCTGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAAGAACAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATTTGGAGTGAATGAGTGCCTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATTTGGAGTGAATGAGTGCCTCC 540
Qy 541 GCACAGAGCTTCAATAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGAAAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
Qy 661 AATTGGAGAAATCATCTCTAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 720
Db 661 AATTGGAGAAATCATCTCTAAGCAAAATGCTTATCTTCAGAGCCGATGACGAAAATA 720
Qy 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGTAATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGTAATGCTTTGGATTTGT 840

QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGACTAAACAGATATCAGCTTCTCTCTGTG 960
DB 901 GGTGACTGGAGTTTATGAATGAACAAAGACTAAACAGATATCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACTACAAAAGTGAAT 1020
QY 1021 CTTCCTCATTTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
DB 1021 CTTCCTCATTTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 81
US-10-142-423-271
; Sequence 271, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142,423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-423-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGTGGCGCGCGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
DB 61 GGGAAACAAGTGGCGCGCGGAGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCG 120

QY 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGCTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTTCAGTTGACCTACCC 240
DB 181 TTTGACTCGCTCTTGGGTGATACGGGCTCTTGCCACCGGGCCCTGTTCAGTTGACCTACCC 240
QY 241 TTGCACACCTTACCTTAAGGAAGAGAGTTGTGTCGCAATGTTCAGAGGTTTGCAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGGAAGAGAGTTGTGTCGCAATGTTCAGAGGTTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAACATATTCCTCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAACATATTCCTCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC 420
QY 421 CAGAACTGAGCTGCCATTCGCTGAACTGAGCAAGAACTTATGTCCTGATGTCGCAAA 480
DB 421 CAGAACTGAGCTGCCATTCGCTGAACTGAGCAAGAACTTATGTCCTGATGTCGCAAA 480
QY 481 ATGCACCTTACTCTTTCTTAACTCTGCTGAGGTCAATTCGGAGTGCATGATGAGACTCC 540
DB 481 ATGCACCTTACTCTTTCTTAACTCTGCTGAGGTCAATTCGGAGTGCATGATGAGACTCC 540
QY 541 GCACAGAGCTTCATACCTCTTTCATGAGCTTTTATCTTCAGCCGATGACCGGAAAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTTCATGAGCTTTTATCTTCAGCCGATGACCGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACCACTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACCACTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTTAAGCAAAATCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTTAAGCAAAATCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTTAACTACAACTCTTCTCGTGTGATGATGCTTTGGATTTGT 840
DB 781 TCTGGGTGGAATTTTAACTACAACTCTTCTCGTGTGATGATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGACGAGGCTCTACTACAAAAGTGAAT 1020
QY 1021 CTTCCTCATTTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
DB 1021 CTTCCTCATTTGAAATTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 82

US-10-121-050-271
; Sequence 271, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; PRIOR FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-050-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGACAG 60
DB 1 CGGACGGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGACAG 60
QY 61 GGGAAACAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTCTGTGCTGACCATGGCCCTTGGCCGGAGGGTTCGGGGACCCCTTCGGCTGAGCA 180
DB 121 CCGTGTCTGTGCTGACCATGGCCCTTGGCCGGAGGGTTCGGGGACCCCTTCGGCTGAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGCGCTGTGAGTTCACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGCGCTGTGAGTTCACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGAGTTGATGCGATGTGAGAGAGTTGCGAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAGGAAGAGAGTTGATGCGATGTGAGAGAGTTGCGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 360
DB 301 TCAATTTGTCAGTTTGGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 360
QY 361 TCTGATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGGCATTTGGTTCG 420
DB 361 TCTGATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGGCATTTGGTTCG 420
QY 421 CAGATCAGCTGCGATTCGCTGATGAGCAACCACTATGCTTGGCATTTGGTTCG 480
DB 421 CAGATCAGCTGCGATTCGCTGATGAGCAACCACTATGCTTGGCATTTGGTTCG 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTGATTCGAGTGCATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTGATTCGAGTGCATGATGAGCTCC 540

DB 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTGATTCGAGTGCATGATGAGCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGGACTTTTATCTTCAAGCGGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTTCATGGGACTTTTATCTTCAAGCGGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCAGTACGCAACACATTTGGAGAGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCAGTACGCAACACATTTGGAGAGAGCTTACA 660
QY 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
DB 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGCAATTTCTTGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGCAATTTCTTGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCTCGGTGATGATGCTTTGGATTGT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCTCGGTGATGATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAACTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGAGCTTAAACAGATATCCAGCTTCTCTCTG 960
DB 901 GGTGACTTGGAGTTTATGATGAACAAAGAGCTTAAACAGATATCCAGCTTCTCTCTG 960
QY 961 GTTGTAGATCTAAACTCAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTCAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGAGAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGAGAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGCTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGCTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATTAAGTCTCAATCTGTG 1174
DB 1141 CTATAAATGCAAAATTAAGTCTCAATCTGTG 1174

RESULT 83

US-10-141-755-271
; Sequence 271, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755

; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-141-755-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGCGCCTTCGCGGAGGTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGCGCCTTCGCGGAGGTTCGGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTGCACTCGGTCTTGGGTGATACGGCGCTTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTGCACTCGGTCTTGGGTGATACGGCGCTTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
Qy 241 TTGCACACTACCTTACGAGAGAGAGTGTACGATGTGAGAGAGGTTCAGGCTGTTT 300
Db 241 TTGCACACTACCTTACGAGAGAGAGTGTACGATGTGAGAGAGGTTCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACATTAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACATTAATCGAACTAAATGGAATGTGAA 360
Qy 361 TGTGATGTACAGAGCATATTCGATCTGATGAGCAATATGCTTGCATCTGTGTTGC 420
Db 361 TGTGATGTACAGAGCATATTCGATCTGATGAGCAATATGCTTGCATCTGTGTTGC 420
Qy 421 CAGAACTAGCTGCGCATTCGCTGAACTGAGACAAGCAAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAACTAGCTGCGCATTCGCTGAACTGAGACAAGCAAACTTATGTCCTGATGCCAAAA 480
Qy 481 ATGCACTACTCTTTCCTCTAACTCTGCTGAGGTCATCTGAGTGACATGAGTCTCC 540
Db 481 ATGCACTACTCTTTCCTCTAACTCTGCTGAGGTCATCTGAGTGACATGAGTCTCC 540
Qy 541 GCACAGAGCTTCATACCTCTTCTGAGGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATACCTCTTCTGAGGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTAAGCAAAATCAGTACGACCAACANTTGGAGCGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAAAATCAGTACGACCAACANTTGGAGCGAGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTTAAAC 780
Db 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTTAAAC 780
Qy 781 TCTGGGTGATTTTAACTACACTCTTCTCTCGGTGATGTTGCTTTGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACACTCTTCTCTCGGTGATGTTGCTTTGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATGTTCCCTCTGAGAACTGAGTATCTAT 900

RESULT 84

US-10-167-749-329
; Sequence 329, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

Qy 901 GGTGACTTGGAGTTTATGATGAACAAAGAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAGAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Qy 961 GTTGTGTAGATCTTAAACACTCAAGATCATGAAGAGAGGAGGCGCTTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTGTAGATCTTAAACACTCAAGATCATGAAGAGAGGAGGCGCTTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTAAAGACAGAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTAAAGACAGAGTGTAAATAGACATCTAA 1080
Qy 1081 AATTCACACTCTCATAGAGCTTTTAAATATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACACTCTCATAGAGCTTTTAAATATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATATAATGCAATTAAGTCTTACTCAATCTGTG 1174
Db 1141 CTATATAATGCAATTAAGTCTTACTCAATCTGTG 1174

```
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-167-749-329

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCACTGGGGCTCCGG 120
Db 61 GGGAAACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCACTGGGGCTCCGG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATAGCGGCTTTGGCCACCGGCGCTGTGAGTACCTACCC 240
Db 181 TTTGACTCGGCTTTGGGTGATAGCGGCTTTGGCCACCGGCGCTGTGAGTACCTACCC 240
QY 241 TTGCACACCTACCTACCTAGGAGGAGGCTGTGAGCATGTGAGAGAGGTTGAGGCTGTT 300
Db 241 TTGCACACCTACCTACCTAGGAGGAGGCTGTGAGCATGTGAGAGAGGTTGAGGCTGTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATCCCATCTGATGAGCATATGCTTGGCCATCTTGGTTCG 420
Db 361 TCTGATGTACAGAGCATATCCCATCTGATGAGCATATGCTTGGCCATCTTGGTTCG 420
QY 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTCCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTCTTAACTCTGAGGCTCATCTGAGGCTCATCTGAGGCTCAT 540
Db 481 ATGCACCTACTCTTCTTCTTAACTCTGAGGCTCATCTGAGGCTCATCTGAGGCTCAT 540
QY 541 GCACAGAGCTTCATAACCTCTTCTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACACATTTGAGCAGGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACACATTTGAGCAGGAGGCTTACA 660
QY 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAAGATGATGGCTTTTAAATGAGTGCCTCTCTCTAAC 780
Db 721 CACAGAAATTTCTTGAAGATGGAAGATGATGGCTTTTAAATGAGTGCCTCTCTCTAAC 780
QY 781 TCTGGGTGATTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
Db 781 TCTGGGTGATTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
```

RESULT 85

US-10-143-032-271

; Sequence 271 Application US/10143032

; Publication No. US20030059909A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C245

; CURRENT APPLICATION NUMBER: US/10/143,032

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-143-032-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCACTGGGGCTCCGG 120
Db 61 GGGAAACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCACTGGGGCTCCGG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
```


/	PRIOR APPLICATION NUMBER: 60/083499	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083545	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083554	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083558	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083559	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083500	
/	PRIOR FILING DATE: 1998-04-29	
/	PRIOR APPLICATION NUMBER: 60/083742	
/	PRIOR FILING DATE: 1998-04-30	
/	PRIOR APPLICATION NUMBER: 60/084366	
/	PRIOR FILING DATE: 1998-05-05	
/	PRIOR APPLICATION NUMBER: 60/084414	
/	PRIOR FILING DATE: 1998-05-06	
/	PRIOR APPLICATION NUMBER: 60/084441	
/	PRIOR FILING DATE: 1998-05-06	
/	PRIOR APPLICATION NUMBER: 60/084637	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084639	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084640	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084598	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084600	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084627	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/084643	
/	PRIOR FILING DATE: 1998-05-07	
/	PRIOR APPLICATION NUMBER: 60/085339	
/	PRIOR FILING DATE: 1998-05-13	
/	PRIOR APPLICATION NUMBER: 60/085338	
/	PRIOR FILING DATE: 1998-05-13	
/	PRIOR APPLICATION NUMBER: 60/085323	
/	PRIOR FILING DATE: 1998-05-13	
/	PRIOR APPLICATION NUMBER: 60/085582	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085700	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085699	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085579	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085580	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085573	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085704	
/	PRIOR FILING DATE: 1998-05-15	
/	PRIOR APPLICATION NUMBER: 60/085697	

Query Match	100.0%;	Score 1174;	DB 15;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	1	CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTCTCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTCTCTGTGACAGAG	60
Qy	61	GGGAAACAAGATGGCGGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGGCTCCGG	120
Db	61	GGGAAACAAGATGGCGGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGGCTCCGG	120
Qy	121	CGCGTCTGCTGCTGACCATGCGCCTTCGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
Db	121	CGCGTCTGCTGCTGACCATGCGCCTTCGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
Qy	181	TTTGTACTCGGCTCTTGGGTGATACGGGCTCTTGGCCACGGGGCCCTGTGAGTTGACCTTACCCC	240

181	DB	TTTGACCTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACTACCCC	240
241	QY	TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTGTGCAGGCTGTTT	300
241	DB	TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTGTGCAGGCTGTTT	300
301	QY	TCAATTTGTGCAGTTGTGGANGATGAAATTGACTTAATAATCGAACTAAATTTGGAATGTGAA	360
301	DB	TCAATTTGTGCAGTTGTGGANGATGAAATTGACTTAATAATCGAACTAAATTTGGAATGTGAA	360
361	QY	TCTGCATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC	420
361	DB	TCTGCATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC	420
421	QY	CAGAATCAGCTGGCAATTCGCTGAATCGACAAGAACCAACTTATGTCCCTGATGCCAAAA	480
421	DB	CAGAATCAGCTGGCAATTCGCTGAATCGACAAGAACCAACTTATGTCCCTGATGCCAAAA	480
481	QY	ATGCACCTACTCTTTCTCTTAACCTCTGGTGAAGTCACTCTCGAGTGCATGATGGACTCC	540
481	DB	ATGCACCTACTCTTTCTCTCTTAACCTCTGGTGAAGTCACTCTCGAGTGCATGATGGACTCC	540
541	QY	GCACAGAGCTTCATAACCTCTTCATGGAGCTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
541	DB	GCACAGAGCTTCATAACCTCTTCATGGAGCTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
601	QY	GTTATATTCGAGTCTAAGCCAGCAAAATCCAGTACGCACCACTTTTGGAGCAGAGCCTTACA	660
601	DB	GTTATATTCGAGTCTAAGCCAGCAAAATCCAGTACGCACCACTTTTGGAGCAGAGCCTTACA	660
661	QY	AATTGTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCTTGCAAAATGAGAAATTCACAAGCG	720
661	DB	AATTGTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCTTGCAAAATGAGAAATTCACAAGCG	720
721	QY	CACAGGAATTTTCTTGAAGATGAGAGAAAGTGAATGGCTTTTTTAAGATGCCTCTCTTTAAC	780
721	DB	CACAGGAATTTTCTTGAAGATGAGAGAAAGTGAATGGCTTTTTTAAGATGCCTCTCTTTAAC	780
781	QY	TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGGTGATGGTATGCTTTTGGATTGTT	840
781	DB	TCTGGTGGATTTTAACTCAACTCTTGTCTCTCGGTGATGGTATGCTTTTGGATTGTT	840
841	QY	TGTGCAACTGTGTCTCAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
841	DB	TGTGCAACTGTGTGTCTCAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
901	QY	GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTCTCTCTTGTG	960
901	DB	GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTCTCTCTTGTG	960
961	QY	GTGTGTAGATCTAAAACTGAAGATCATGAAGAGCAGAGGCGCTCTACCTACAAAAAGTGAAT	1020
961	DB	GTGTGTAGATCTAAAACTGAAGATCATGAAGAGCAGAGGCGCTCTACCTACAAAAAGTGAAT	1020
1021	QY	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATGACATCTAA	1080
1021	DB	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATGACATCTAA	1080
1081	QY	AATTCACCTCTCATAGAGCTTTTAAATAGTTTTTCAATGGATATAGGCTTTAAGAAATCA	1140
1081	DB	AATTCACCTCTCTCATAGAGCTTTTAAATAGTTTTTCAATGGATATAGGCTTTAAGAAATCA	1140
1141	QY	CTATAAATGCAAAATAAGTTACTCAAAATCTGTG	1174
1141	DB	CTATAAATGCAAAATAAGTTACTCAAAATCTGTG	1174

RESULT 87

RESULT: 8/
US-10-123-108-271

US-10-123-108-271
: Sequence 271, Application US/10123108

; sequence 2/I, Application US/IO
; Publication No. US20030068793A1; POLITICAL NO: 0320
; GENERAL INFORMATION:

;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/063738
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064248
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/064809
;; PRIOR FILING DATE: 1997-11-07
;; PRIOR APPLICATION NUMBER: 60/065186
;; PRIOR FILING DATE: 1997-11-12
;; PRIOR APPLICATION NUMBER: 60/065846
;; PRIOR FILING DATE: 1997-11-17
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/066453
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066770
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/069212
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069278
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069334
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069694
;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/072320
;; PRIOR FILING DATE: 1998-01-23
;; PRIOR APPLICATION NUMBER: 60/073612
;; PRIOR FILING DATE: 1998-02-04
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079663
;; PRIOR FILING DATE: 1998-02-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081695
;; PRIOR FILING DATE: 1998-04-14
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081818
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082999
;; PRIOR FILING DATE: 1998-04-24
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085149
;; PRIOR FILING DATE: 1998-05-12

;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/086414
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/086430
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/087106
;; PRIOR FILING DATE: 1998-05-28
;; PRIOR APPLICATION NUMBER: 60/088026
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088730
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088741
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090538
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGGTGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACAG 60
Db 1 CGGACGGTGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACAG 60
Qy 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTCGGTGAGGACCCAACTGGGGCTCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTCGGTGAGGACCCAACTGGGGCTCCG 120
Qy 121 CCCTGCTGCTGTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCCTGCTGCTGTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCTGTCACTGACCTACCCC 240
Db 181 TTTGACTTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCTGTCACTGACCTACCCC 240
Qy 241 TTGCACACCTACCTCCTAGGAAGGAGTTGTAGGCATGTCAAGAGGTTGCAGGCTGTT 300

Db 241 TTGCACACCTACCTAAGAGAGAGGAGTTGTACGATGTACAGAGAGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGATGATGAAATGACTTAAATCGAACTAAATTTGAAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGATGATGAAATGACTTAAATCGAACTAAATTTGAAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGATCAGCTGCATCTCGCTGAATCGAGCAAGCAACATTTATGCTGATGCAAAA 480
Db 421 CAGATCAGCTGCATCTCGCTGAATCGAGCAAGCAACATTTATGCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGAGCTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGAGCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGAGCAGAGCTTACA 660
Qy 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGG 720
Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGGCTTTTAAAGTGCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGGCTTTTAAAGTGCCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTAACAATCTTCTCTCGTGAATGATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTAACAATCTTCTCTCGTGAATGATGCTTTGGATTTGT 840
Qy 841 TGTGCACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTGTG 960
Qy 961 GTTGTAGATCTAAATCTGAAGATCATGAAGACAGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAATCTGAAGATCATGAAGACAGGCTCTTACCTACAAAGTGAAT 1020
Qy 1021 CTGCTCATCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTATAGCATCTAA 1080
Db 1021 CTGCTCATCTGAAATTTAAAGCAATTTTCTTTTAAAGCAAGTGTATAGCATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATGAGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATGAGCTTAAAGAAATCA 1140
Qy 1141 CTATATAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATATAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 88

US-10-123-236-271
; Sequence 271, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bersini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deshoyers, Luc

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-236-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGACGCGTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGTACAG 60
Db 1 CGACGCGTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGTACAG 60
Qy 61 GCGAAACAAGATGCGCGCGCGAGGAGCGCTCTGGGTGAGACCCAACTGGGGTCCG 120
Db 61 GCGAAACAAGATGCGCGCGCGAGGAGCGCTCTGGGTGAGACCCAACTGGGGTCCG 120
Qy 121 CCGTGTGCTGTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 180
Db 121 CCGTGTGCTGTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 180
Qy 181 TTTGACTTCGGTCTTGGTGATACGGGCTCTTCCACCGGGCTGTCACTGACCTACCC 240
Db 181 TTTGACTTCGGTCTTGGTGATACGGGCTCTTCCACCGGGCTGTCACTGACCTACCC 240
Qy 241 TTGCACACCTTAAAGAGAGGAGTTGTACGCAATGTACAGAGGTTGACGCTGTT 300
Db 241 TTGCACACCTTAAAGAGAGGAGTTGTACGCAATGTACAGAGGTTGACGCTGTT 300
Qy 301 TCAATTTGTCAAGTTTGTGGATGATGAAATTTGAACTTAAATCGAACTAAATTTGAA 360
Db 301 TCAATTTGTCAAGTTTGTGGATGATGAAATTTGAACTTAAATCGAACTAAATTTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
Qy 421 CAGATCAGCTGCATTCGCTGAATCGAGCAAGCAACATTTATGCTGCTGATGCAAAA 480
Db 421 CAGATCAGCTGCATTCGCTGAATCGAGCAAGCAACATTTATGCTGCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCAATCTGAGTGAACATGAGCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAACATTTGAGCAGAGCTTACA 660

QY 661 AATTTCAGAGAAATCTCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTTCAGAGAAATCTCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGAGAAAGTGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTTGAAGATGAGAAAGTGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTAACTCTTGTCCCTCTCGGTGATGCTTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTAACTCTTGTCCCTCTCGGTGATGCTTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATATAATGCAAAATTAAGTTACTCAAACTCTGTG 1174
Db 1141 CTATATAATGCAAAATTAAGTTACTCAAACTCTGTG 1174

RESULT 89

US-10-123-261-271
; Sequence 271, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DePorge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-261-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGCAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGCTGACCATGCGCCTTGGCCCGGAGGTTCGGGGAACCGCTTCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGCTGACCATGCGCCTTGGCCCGGAGGTTCGGGGAACCGCTTCGGCTGAAGCA 180
QY 181 TTTTGACTCGTCTCGGTGATACGCGCTTTCGACCGGGGCTCTCAGTTGACCTACCTACCCC 240
Db 181 TTTTGACTCGTCTCGGTGATACGCGCTTTCGACCGGGGCTCTCAGTTGACCTACCTACCCC 240
QY 241 TTGCACTACCTACCTAAGAAAGAGAGTTGTACGATGTACAGAGGTTCAGGCTGTTT 300
Db 241 TTGCACTACCTAAGAAAGAGAGTTGTACGATGTACAGAGGTTCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 360
Db 301 TCAATTTGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 360
QY 361 TCTGCTGCTACAGAAAGCATTTCCCAATCTCATGAGCAATATGTTGCCATCTTGGTTC 420
Db 361 TCTGCTGCTACAGAAAGCATTTCCCAATCTCATGAGCAATATGTTGCCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCT 480
Db 421 CAGAATCAGCTGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCTGATGCT 480
QY 481 ATGCACTACTCTTTTCTCTAACTCTGCTGAGGTCAATCTGAGGTGACATGATGACTCC 540
Db 481 ATGCACTACTCTTTTCTCTAACTCTGCTGAGGTCAATCTGAGGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCATGAGCTTTTATCTTCAAGCGGATGACGGAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACACATTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGTATGCTTTTAAAGATGCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGTATGCTTTTAAAGATGCTCTCTTTAAC 780
QY 781 TCTGGGTGATTTTAACTAACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
Db 781 TCTGGGTGATTTTAACTAACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTTAAACTGAAGTCAATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTTAAACTGAAGTCAATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080

Db 1021 CTGTCTCAATCTGAATTTAAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATCGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATCGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATTAATCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATTAATCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 90
US-10-140-921-271
; Sequence 271, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333031C.75
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-921-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATCGGCGCGCGGAGGAGCTTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATCGGCGCGCGGAGGAGCTTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CGGCTCTGCTGCTGACCATGCGCTTGGCGGAGTTCCGGGACCGCTTGGCTGGAAGCA 180
Db 121 CGGCTCTGCTGCTGACCATGCGCTTGGCGGAGTTCCGGGACCGCTTGGCTGGAAGCA 180
Qy 181 TTGACTCGGCTCTTGGGTGATACGGCGTCTTGCCACCGGGCTGTGAGTTGAOCTACCC 240
Db 181 TTGACTCGGCTCTTGGGTGATACGGCGTCTTGCCACCGGGCTGTGAGTTGAOCTACCC 240
Qy 241 TTGCACACTACCTTAAGAAAGAGTGTACGATGTACAGAGGTTCGAGGCTCTTT 300
Db 241 TTGCACACTACCTTAAGAAAGAGTGTACGATGTACAGAGGTTCGAGGCTCTTT 300
Qy 301 TCAATTTGTGCTGATGGAATTTGAATTTAAATCGAACTTAAATTTGGAATGTGAA 360

301 TCAATTTGTGCTGATGGAATTTGAATTTAAATCGAACTTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTCATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTCATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGACAAAGCAAACTTATGCTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGACAAAGCAAACTTATGCTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCTCTTAATCTGCTGAGTGCATTTCTGAGTGCATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAATCTGCTGAGTGCATTTCTGAGTGCATGATGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACCTTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGCTTACA 660
Qy 661 AATTTCAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAG 720
Db 661 AATTTCAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAG 720
Qy 721 CACAGAAATTTCTGAGATGAGAGAAAGTGTGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGAGAGAAAGTGTGCTTTTAAAGTGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTTCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTTCTTGGATTTGT 840
Qy 841 TGTGCAACTTTCTGACAGTGTGAGAGATGTTTCTCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTTTCTGACAGTGTGAGAGATGTTTCTCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGTATGAGAGAGGCGCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGTATGAGAGAGGCGCTTACCTACAAAGTGAAT 1020
Qy 1021 CTTCCTCATTTGAAATTTAAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTCCTCATTTGAAATTTAAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATCGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATCGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATTAATCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATTAATCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 91
US-10-140-928-271
; Sequence 271, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P330R1C186
CURRENT APPLICATION NUMBER: US/10/140, 928
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-140-928-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGAAACCTTCGAGAAACAGCAAGCTGAGCTCTGTGACAG 60
Db 1 CGGACGGTGGGGAAACCTTCGAGAAACAGCAAGCTGAGCTCTGTGACAG 60
Qy 61 GGGACCAAGATGGCGGCGGAGGAGGAGCTCTGGGTGAGGACCACTGGGGCTCCG 120
Db 61 GGGACCAAGATGGCGGCGGAGGAGGAGCTCTGGGTGAGGACCACTGGGGCTCCG 120
Qy 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 180
Db 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 180
Qy 181 TTTGACCTGGCTTGGGTGATGGGTCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 240
Db 181 TTTGACCTGGCTTGGGTGATGGGTCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGA 240
Qy 241 TTGCACACCTACCTACCTAGGAGGAGGTTGATGAGCAATGCTTGGCCATCTTGGTTGC 300
Db 241 TTGCACACCTACCTACCTAGGAGGAGGTTGATGAGCAATGCTTGGCCATCTTGGTTGC 300
Qy 301 TCAATTTGTGATTTGGTATGAGTGAATGACTTAAATCGAATTAATGGAATGTGAA 360
Db 301 TCAATTTGTGATTTGGTATGAGTGAATGACTTAAATCGAATTAATGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC 420
Qy 421 CAGAAATCAGTGGCAATCGCTGAACTGAGACAGCAACTTATGCTTGGCCATCTTGGTTGC 480
Db 421 CAGAAATCAGTGGCAATCGCTGAACTGAGACAGCAACTTATGCTTGGCCATCTTGGTTGC 480
Qy 481 ATGACCTTACTCTTCTCTAACTCTGGTGGAGTCTTGGAGTGAATGAGTGGACTCC 540
Db 481 ATGACCTTACTCTTCTCTAACTCTGGTGGAGTCTTGGAGTGAATGAGTGGACTCC 540
Qy 541 GCACAGACTTCAATACCTCTTCTGAGTCTTGGTGGAGTCTTGGAGTGAATGAGTGGACTCC 600
Db 541 GCACAGACTTCAATACCTCTTCTGAGTCTTGGTGGAGTCTTGGAGTGAATGAGTGGACTCC 600
Qy 601 GTTATATTCAGTCTTACGCAAGAAATCAGTACGCAATTTGGAGGAGGCTTCA 660
Db 601 GTTATATTCAGTCTTACGCAAGAAATCAGTACGCAATTTGGAGGAGGCTTCA 660
Qy 661 AATTGAGAGATCATCTTAAAGAAATGTCTTATCTGCAATGAGAAATTCAGAGCG 720
Db 661 AATTGAGAGATCATCTTAAAGAAATGTCTTATCTGCAATGAGAAATTCAGAGCG 720

Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGAGATTTTAACTACAACTCTTCTCTCGGTGAGTGGTATGCTTGGATTTGT 840
Db 781 TCTGGGTGAGATTTTAACTACAACTCTTCTCTCGGTGAGTGGTATGCTTGGATTTGT 840
Qy 841 TGTGCAACTTGTGTACAGCTCTGTGAGCAGATATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTTGTGTACAGCTCTGTGAGCAGATATGTTCCCTCTGAGAACTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCTTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCTTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTCAATGATATAGGCTTTAGGAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCTTCAATGATATAGGCTTTAGGAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTCTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTCTTACTCAAAATCTGTG 1174

RESULT 92

US-10-013-929A-329
; Sequence 329, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013, 929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAGATGCGCGCGCGCGAGAGGGGAGCCCTCTGGGTGAGGACCCACTGGGGCTCCG 120
DB 61 GGGAAACAGATGCGCGCGCGCGAGAGGGGAGCCCTCTGGGTGAGGACCCACTGGGGCTCCG 120

QY 121 CCCTGCTGCTGCTGACACCATGCGCTTGGCGGAGAGTTCGGGACCGCTTCGGCTGAAACA 180
DB 121 CCCTGCTGCTGCTGACACCATGCGCTTGGCGGAGAGTTCGGGACCGCTTCGGCTGAAACA 180

QY 181 TTTGACTCGGCTTGGGTGATAGCGGCTCTCCACCGGGGCTGTGAGTCACTGACCTACCCC 240
DB 181 TTTGACTCGGCTTGGGTGATAGCGGCTCTCCACCGGGGCTGTGAGTCACTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGCAAGAGAGTGTGACGATGTGACAGAGGTTGACAGGCTGTTT 300
DB 241 TTGCACACCTAAGCAAGAGAGTGTGACGATGTGACAGAGGTTGACAGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGGATGATGAAATGACTTAATCGAACHTAATCGAACHTAATCGAACHTA 360
DB 301 TCAATTTGTCAGTTTGGATGATGAAATGACTTAATCGAACHTAATCGAACHTAATCGAACHTA 360

QY 361 TCTGCAATGACAGACATATCCCAATCTGATGACATATGCTTGCCATCTTGCTGTTGC 420
DB 361 TCTGCAATGACAGACATATCCCAATCTGATGACATATGCTTGCCATCTTGCTGTTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAATGACAGACAACTTATGTCCTGATGCCAAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAATGACAGACAACTTATGTCCTGATGCCAAAA 480

QY 481 ATGACCTACTCTTCTCTAACTCTGCTGAGTCACTCTGAGTGAATGACATGATGACTCC 540
DB 481 ATGACCTACTCTTCTCTAACTCTGCTGAGTGAATGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATCCAGCTTAAGCAAGATCCAGTACGACCACTTGGGACAGAGCTTACA 660
DB 601 GTTATATCCAGCTTAAGCAAGATCCAGTACGACCACTTGGGACAGAGCTTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGCTTTTAAAGTGCCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTGTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTGTGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTTAAACTGAAATCTGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAATCTGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCTCATAGAGCTTTTAAATGCTTTCANTGATATAGGCTTAAAGATCA 1140
DB 1081 AATTCCACTCTCTCATAGAGCTTTTAAATGCTTTCANTGATATAGGCTTAAAGATCA 1140

QY 1141 CTATAAATGCAATATAAAGTTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATATAAAGTTTACTCAATCTGTG 1174

RESULT 93

US-10-016-177A-329

Sequence 329, Application US/10016177A

Publication No. US20030073131A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC90

CURRENT APPLICATION NUMBER: US/10/016,177A

CURRENT FILING DATE: 2002-04-30

Prior application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 329

LENGTH: 1174

TYPE: DNA

ORGANISM: Homo sapiens

US-10-016-177A-329

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGTCGACAGAG 60
DB 1 CGGACGGGTGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGTCGACAGAG 60
QY 61 GGGACACAGATGGCGGCGCGCGAGGGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGACACAGATGGCGGCGCGCGAGGGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGCTGACCATGCGCCCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGCTGCTGACCATGCGCCCTTCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGACGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGACGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAGGAAGAGGAGTTGACGCATGTGACGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAGGAAGAGGAGTTGACGCATGTGACGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTGTCTGATTTGGATGATGGAATGCACTTAATCGAATGAAATGGAATGTGAA 360
DB 301 TCAATTGTCTGATTTGGATGATGGAATGCACTTAATCGAATGAAATGGAATGTGAA 360
QY 361 TCTGATGTACAGAGAGATATTCCTAATCTGATGAGCAATATGCTGCCATCTTGTGTCG 420
DB 361 TCTGATGTACAGAGAGATATTCCTAATCTGATGAGCAATATGCTGCCATCTTGTGTCG 420
QY 421 CAGATCAGCTGCGCATTCGCTGAATCTGAGACAGAACTTAATGCTTCCTGATGCCAATA 480
DB 421 CAGATCAGCTGCGCATTCGCTGAATCTGAGACAGAACTTAATGCTTCCTGATGCCAATA 480
QY 481 ATGACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGAGTACATGATGAGTCTCC 540
DB 481 ATGACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGAGTACATGATGAGTCTCC 540
QY 541 GCACAGAGCTTCAAACTCTTCAAGCTGATGAGTATTTATCTTCAAGCCGATGACGGAAAA 600
DB 541 GCACAGAGCTTCAAACTCTTCAAGCTGATGAGTATTTATCTTCAAGCCGATGACGGAAAA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGAGGAGGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGAGGAGGAGGCTTACA 660
QY 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTGAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTGAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTCGATTTGT 840
DB 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGTTGCTTTCGATTTGT 840
QY 841 TGTGCACTGTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAACTGAGTATCTAT 900
DB 841 TGTGCACTGTGCTACAGCTGTGAGCAGATGTTTCTCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATATAATGCAATATAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATATAATGCAATATAAGTTACTCAAAATCTGTG 1174

RESULT 94

US-10-121-045-271
; Sequence 271, Application US/10121045
; Publication No US20030073210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-045-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGGTGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGACACAGATGGCGGCGCGAGAGGGAGCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGCTGACCATGCGCTTCGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGCTGCTGACCATGCGCTTCGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGACGTTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGACGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAGGAAGAGGAGTTGACGCATGTGACGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAGGAAGAGGAGTTGACGCATGTGACGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTTGTGATGATGGAATGCACTTAATCGAATGAAATGGAATGTGAA 360

```
Db 301 TCAATTGTGTCAGTTTGTGATGATGAATGACTTAAATCGAATTAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGACATATTCCTCAATCTGATGAGCAATATGCTTGCAATCTTGCTTGC 420
Db 361 TCTGCATGTACAGACATATTCCTCAATCTGATGAGCAATATGCTTGCAATCTTGCTTGC 420
QY 421 CAGAATCAGTGCATTCGCTGAATCTGAGACAGAACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGAATCAGTGCATTCGCTGAATCTGAGACAGAACAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCAATCTGCTGAGTGCATCTGAGTGCATCTGAGTGCATCTGAGTGC 540
Db 481 ATGCACCTACTCTTCTCAATCTGCTGAGTGCATCTGAGTGCATCTGAGTGCATCTGAGTGC 540
QY 541 GCACAGAGCTTCTAATACCTCTTCAATGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCTAATACCTCTTCAATGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
QY 661 AATTGAGAGAAATCTCTTCAAGAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCTCTTCAAGAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACACTCTGCTCTCTCTGATGCTGATGCTGATGCTGATGCTGAT 840
Db 781 TCTGGGTGGATTTTAACTACACTCTGCTCTCTCTGATGCTGATGCTGATGCTGATGCTGAT 840
QY 841 TGTGCAACTGTTCTACAGCTGTGAGCAGATGATGCTCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTCTACAGCTGTGAGCAGATGATGCTCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGAATGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGAATGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGCTTCAATGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGCTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
```

RESULT 95

US-10-123-292-271

; Sequence 271, Application US/10123292

; Publication No. US20030073211A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: Desfoye, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

```
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; PRIOR FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-292-271
```

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACACAGATCGCGCGCCGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGACACAGATCGCGCGCCGAGGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGCTGCTCTCTGCTACCATGGCCCTTGGCCGAGAGCTTCCGGGAGACCGCTTCGGCTGAAAGCA 180
Db 121 CGCTGCTCTCTGCTACCATGGCCCTTGGCCGAGAGCTTCCGGGAGACCGCTTCGGCTGAAAGCA 180
QY 181 TTGACTCGCTCTGGGTGATAGCGGCTTTGCCACCGGGCTGTGAGTGAACCTACCC 240
Db 181 TTGACTCGCTCTGGGTGATAGCGGCTTTGCCACCGGGCTGTGAGTGAACCTACCC 240
QY 241 TTGACACCTACCCCTAAGGAGAGAGGTTGACGATGTCAGAGAGGTTGACAGGCTGTTT 300
Db 241 TTGACACCTACCCCTAAGGAGAGAGGTTGACGATGTCAGAGAGGTTGACAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGATCAGCTGCCATTCGCTGAACCTGAGACAGAAACAACTTATGCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTCGCTGAACCTGAGACAGAAACAACTTATGCTGATGCCAAA 480
QY 481 ATGCACTACTCTTTCTCTCACTTCTGAGTGCATCTGAGTGCATCTGAGTGCATCTGAGTGC 540
Db 481 ATGCACTACTCTTTCTCTCACTTCTGAGTGCATCTGAGTGCATCTGAGTGCATCTGAGTGC 540
QY 541 GCACAGAGCTTCAATACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
QY 661 AATTGAGAGAAATCTCTTGAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCTCTTGAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
```


QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAAGGCTTTTAAAGATGCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAAGGCTTTTAAAGATGCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCTCGGTGATGATATTGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCTCGGTGATGATATTGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTAACTGAACTAAAGCTAAACAGATATCCAGCTCTTCTCTTTGG 960
Db 901 GGTGACTTGGAGTTTAACTGAACTAAAGCTAAACAGATATCCAGCTCTTCTCTTTGG 960
QY 961 GTTGTAGATCTAAACTGAACTGAAAGCTAAAGCTAAAGCTCTTCTCTTAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAACTGAAAGCTAAAGCTAAAGCTCTTCTCTTAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTCATAGAGCTTTTAAAGTGAAGCTAAAGCTAAAGCTCTTCTCTTAA 1080
Db 1021 CTTGCTCACTCTCATAGAGCTTTTAAAGTGAAGCTAAAGCTAAAGCTCTTCTCTTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGAAGCTAAAGCTAAAGCTCTTCTCTTAA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGAAGCTAAAGCTAAAGCTCTTCTCTTAA 1140
QY 1141 CTTAAATGCAATTAAGTGTACTCAATCTGTG 1174
Db 1141 CTTAAATGCAATTAAGTGTACTCAATCTGTG 1174

RESULT 96

US-10-123-903-271
; Sequence 271, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Denoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-903-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
Db 1 CGGACGGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAAAGATGCGCGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAAGATGCGCGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTGCTGCTGATGACCAATGCGCTTGGCCGAGGTTTGGGGACCGCTTGGCTGAAGCA 180
Db 121 CCGTGTGCTGCTGATGACCAATGCGCTTGGCCGAGGTTTGGGGACCGCTTGGCTGAAGCA 180
QY 181 TTTGACTCTGGGTCTGGGTGATACGGCTCTTCCACCGGGCCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCTGGGTCTGGGTGATACGGCTCTTCCACCGGGCCCTGTCACTTACCTACCCC 240
QY 241 TTGACACCTTACCTTAAAGAGAGGAGTTGACGATGTCAAGAGGTTCAAGGCTGTTT 300
Db 241 TTGACACCTTACCTTAAAGAGAGGAGTTGACGATGTCAAGAGGTTCAAGGCTGTTT 300
QY 301 TCAATTTGTCTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCATCTTGGTTGC 420
QY 421 CAGAACTCAGCTGCCANTTCCGCTGAACTGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAACTCAGCTGCCANTTCCGCTGAACTGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTTTTCTTAACTCTGGTGAAGTCAATCTGGAGTGAATGATGAGCTCC 540
Db 481 ATGCACCTACTTTTCTTAACTCTGGTGAAGTCAATCTGGAGTGAATGATGAGCTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCACTGAGCTTTTATCTTCAAGCGATGACCGGAAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCACTGAGCTTTTATCTTCAAGCGATGACCGGAAATA 600
QY 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTAGCGCACCACTTTGGAGCAGGAGCTACA 660
Db 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTAGCGCACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGGG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGGG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGAATGAGTGGCTTTTAAAGTGCCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGAATGAGTGGCTTTTAAAGTGCCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATATTGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATATTGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTAACTGAACTAAAGCTAAACAGATATCCAGCTTCTCTCTTTGG 960
Db 901 GGTGACTTGGAGTTTAACTGAACTAAAGCTAAACAGATATCCAGCTTCTCTCTTTGG 960
QY 961 GTTGTAGATCTAAACTGAACTGAAAGCTAAAGCTAAAGCTCTTCTCTTAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAACTGAAAGCTAAAGCTAAAGCTCTTCTCTTAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGCATCTTAA 1080
Db 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGCATCTTAA 1080
QY 1081 AATTCCTCTCTCATAGAGCTTTTAAAGTGTGTTTCTTGGATATAGGCTTAAAGAAATCA 1140

Db 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATCAAAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATCAAAATAAAGTTACTCAATCTGTG 1174
RESULT 97
US-10-124-819-271
; Sequence 271, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C65
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-124-819-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAGATGGCGCGCCGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGCGCCGAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTGCTGTGACCATGGCTTCGCGCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTGCTGTGACCATGGCTTCGCGCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTGACTCGGCTTGGGTGATACGGCTCTTCACCGGCGCTGTGAGTGGACCTACCC 240
Db 181 TTGACTCGGCTTGGGTGATACGGCTCTTCACCGGCGCTGTGAGTGGACCTACCC 240
Qy 241 TTGACACCTACCTACCTAAGGAGAGAGGTTGTAGCATGTGCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGACACCTACCTAAGGAGAGAGGTTGTAGCATGTGCAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGATTTGGATGATGGAATGACTTAATCGAACTAAATGGATGTGAA 360
Db 301 TCAATTTGTGATTTGGATGATGGAATGACTTAATCGAACTAAATGGATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCATGTAGCAATATGCTGCCATCTTGTGTC 420

Db 361 TCTGCATGTACAGAGCATATTCCTCATGTAGCAATATGCTGCCATCTTGTGTC 420
Qy 421 CAGAAATCAGCTGCCATTCGCTGAATCGAGCAAGCAAACTTATGTCCTCATGCAAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAATCGAGCAAGCAAACTTATGTCCTCATGCAAAA 480
Qy 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTCATTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTCATTTCTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGGACTTTTATCTTCAAGCGGATGACGGAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGGACTTTTATCTTCAAGCGGATGACGGAAATA 600
Qy 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAANTGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAANTGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTGTGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTGTGATTTGT 840
Qy 841 TGTGCAACTGTGTCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GTTGACTTGGAGTTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GTTGACTTGGAGTTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTCAAGATCATGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTCAAGATCATGAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 98
US-10-124-822-271
; Sequence 271, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C64
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-124-822-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGGTGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACAGAGTGGCGGCGCGAGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGACAGAGTGGCGGCGCGAGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGTTGCGGGACCGCTTGGCTGGAAGCA 180
DB 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGTTGCGGGACCGCTTGGCTGGAAGCA 180

QY 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCATGTGACAGAGTTGACAGGCTGTTT 300
DB 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCATGTGACAGAGTTGACAGGCTGTTT 300

QY 301 TCAATTTGCTAGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGCTAGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGTCCCATTCGCTGAACTGAGCAAGCAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGTCCCATTCGCTGAACTGAGCAAGCAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCTTAACCTGCTGAGGTCATTCTGGAGTGACATGAGGACTCC 540
DB 481 ATGCACCTACTCTTTCCTTAACCTGCTGAGGTCATTCTGGAGTGACATGAGGACTCC 540

QY 541 GCACAGGCTTCAACCTCTTATGGAATCTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGGCTTCAACCTCTTATGGAATCTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCGAGGCTTACA 660

QY 661 AATTGAGAGATCATCTTAAAGAAAATGCTTATCTGGAATGAGAAATTCAGAGCG 720
DB 661 AATTGAGAGATCATCTTAAAGAAAATGCTTATCTGGAATGAGAAATTCAGAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

QY 841 TGTGCAACTGTGCTACAGCTCTGGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTGCTACAGCTCTGGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTAAAGTAAAGCTAAAGCTAAACAGATATCCAGCTTCTCTCTG 960
DB 901 GGTGACTTGGAGTTTAAAGTAAAGCTAAAGCTAAACAGATATCCAGCTTCTCTCTG 960

QY 961 GTTGTAGATCTTAAACTCAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTCAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAGCTTAAATAGACATCTAA 1080
DB 1021 CTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAGCTTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAGTTACTTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAGTTACTTCAAAATCTGTG 1174

RESULT 99
US-10-940-925-271
; Sequence 271, Application US/10140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DePorge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-925-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGGTGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGGTGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACAGAGTGGCGGCGCGAGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGACAGAGTGGCGGCGCGAGGGAGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGTTGCGGGACCGCTTGGCTGGAAGCA 180
DB 121 CCGTGTCTGTCTGACCATGGCTTGGCGGAGTTGCGGGACCGCTTGGCTGGAAGCA 180

QY 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTGGGTGATACCGCTCTTGCACCGGCGCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCATGTGACAGAGTTGACAGGCTGTTT 300
DB 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCATGTGACAGAGTTGACAGGCTGTTT 300

QY 301 TCAATTTGCTAGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGCTAGTTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGTCCCATTCGCTGAACTGAGCAAGCAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGTCCCATTCGCTGAACTGAGCAAGCAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCTTAACCTGCTGAGGTCATTCTGGAGTGACATGAGGACTCC 540
DB 481 ATGCACCTACTCTTTCCTTAACCTGCTGAGGTCATTCTGGAGTGACATGAGGACTCC 540

QY 541 GCACAGGCTTCAACCTCTTATGGAATCTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGGCTTCAACCTCTTATGGAATCTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCGAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCGAGGCTTACA 660

QY 661 AATTGAGAGATCATCTTAAAGAAAATGCTTATCTGGAATGAGAAATTCAGAGCG 720
DB 661 AATTGAGAGATCATCTTAAAGAAAATGCTTATCTGGAATGAGAAATTCAGAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 841 TGTGCACTGTTGCTACAGCTGGAGCAGATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTCGAAATTTAAGCAATTTTCTTTTAAAGAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTCGAAATTTAAGCAATTTTCTTTTAAAGAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTTTATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTTTATTGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 102

US-10-127-825A-271
; Sequence 271, Application US/10127825A
; Publication No. US2003007710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C84
; CURRENT APPLICATION NUMBER: US/10/127,825A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-825A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGGAAACCTTCCGAGAAAAACAGCAACAAAGCTGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCTTCCGAGAAAAACAGCAACAAAGCTGCTGTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGCGCGGCGGAGGGGAGCCTCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGGCGGAGGGGAGCCTCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCATGCGCTTTGGCGGAGGTTGCGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGCGCTTTGGCGGAGGTTGCGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTTGGGTGATACGGCTCTTGGACCGGGCTCTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCTCTTGGACCGGGCTCTGAGTTGACCTACCCC 240
Qy 241 TTGCACACCTTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGTTGCGAGCTGTTT 300
Db 241 TTGCACACCTTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGTTGCGAGCTGTTT 300
Qy 301 TCAATTTTTCAGTTTCTGGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAAT 360
Db 301 TCAATTTTTCAGTTTCTGGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAAT 360
Qy 361 TCTGCACTGTACAGAAGCAATTTCCCAATCTGTATGAGCAATATGCTTGCATCTTGTGTC 420
Db 361 TCTGCACTGTACAGAAGCAATTTCCCAATCTGTATGAGCAATATGCTTGCATCTTGTGTC 420
Qy 421 CAGNATCAGCTGCGCATTCGCTGAACTGAGACAGACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGNATCAGCTGCGCATTCGCTGAACTGAGACAGACAACTTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGAGGTGACATGATGAGTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGAGGTGACATGATGAGTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGAATTTTAACTACAATCTGTCTCGGTGATGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGAATTTTAACTACAATCTGTCTCGGTGATGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 105

US-10-127-839A-271

; Sequence 271, Application US/10127839A

; Publication No. US2003007713A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C105

; CURRENT APPLICATION NUMBER: US/10/127,839A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-127-839A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGCTGTGACACAG 60

DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGCTGTGACACAG 60

QY 61 CGGAAACAGATGCGCGCGCGGAGGACCTCTGGGTGAGACCCCACTGGGCTCCCG 120

DB 61 GGGAAACAGATGCGCGCGCGGAGGACCTCTGGGTGAGACCCCACTGGGCTCCCG 120

QY 121 CCCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGGGGACCGCTTGGCTGAAGCA 180
DB 121 CCCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGGGGACCGCTTGGCTGAAGCA 180
QY 181 TTTGACTCGGTCCTTGGGTGATACGGGCTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCC 240
DB 181 TTTGACTCGGTCCTTGGGTGATACGGGCTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCC 240
QY 241 TTGCACACCTTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGTTGCAAGGTGTTT 300
DB 241 TTGCACACCTTACCCCTAAGGAAGAGGAGTTGTGTACGCAATGTCAGAGAGTTGCAAGGTGTTT 300
QY 301 TCAATTTGTCAGTTTCTGGATGATGGAATTGCTTAATTCGAATCAAAATGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTCTGGATGATGGAATTGCTTAATTCGAATCAAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
QY 421 CAGATCAGCTGCTTCCCTGCACTGAGCAAGCAAGCAACTTATCTCCTGATGCTCAAAA 480
DB 421 CAGATCAGCTGCTTCCCTGCACTGAGCAAGCAAGCAACTTATCTCCTGATGCTCAAAA 480
QY 481 ATGCACCTACTCTTCTTAACTCTGGTGAAGTCAATCTGAGTGAATGATGACTCC 540
DB 481 ATGCACCTACTCTTCTTAACTCTGGTGAAGTCAATCTGAGTGAATGATGACTCC 540
QY 541 GCACAGAGCTTCAACCTTCTGATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCAACCTTCTGATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCAACCAATTTGGAGGAGGCTTACA 660
DB 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCAACCAATTTGGAGGAGGCTTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGG 720
DB 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTTAAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTTAAAC 780
QY 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTGGTGAATGATGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTGGTGAATGATGCTTGGATTTGT 840
QY 841 TGTGCACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAAAGATATCCAGTATCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAAAGATATCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174


```
RESULT 106
US-10-127-901A-271
; Sequence 271, Application US/10127901A
; Publication No. US2003007714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/127,901A
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-901A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACAGAGTGGCGGCGCGAGGGGAGGCTCTGGGTGAGGACCACTGGGCTCCCG 120
DB 61 GGGACAGAGTGGCGGCGCGAGGGGAGGCTCTGGGTGAGGACCACTGGGCTCCCG 120
QY 121 CCGTGTCTGCTGACCATGGCCCTCGCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGCTGACCATGGCCCTCGCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGGCTCTTGGCACGGGCTGTGAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGGCTCTTGGCACGGGCTGTGAGTTGACCTACCCC 240
```

```
Db 181 TTTGACTCGGTCTTGGGTGATACGGGCTCTTCCCAACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTTACCCCTAAGGAAGAGAGTTGTATCGCATGTGCAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTTACCCCTAAGGAAGAGAGTTGTATCGCATGTGCAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGTCAGTTTGTGATGATGGAATGTGACTTAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGTCAGTTTGTGATGATGGAATGTGACTTAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCAATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
Db 361 TCTGCAATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCCATTCTGCTGAACCTGAGCAAGAACCACTTATGCTCCCTGATGCAAAA 480
Db 421 CAGAATCAGCTGCCATTCTGCTGAACCTGAGCAAGAACCACTTATGCTCCCTGATGCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 540
QY 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACACATTTGGAGCGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACACATTTGGAGCGAGGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTTCAACAGG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTTCAACAGG 720
QY 721 CACAGGAATTTTCTGAGATGAGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTGAGATGAGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTGTGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTGTGATTTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGAGAGCATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGAGAGCATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTTAAACTGAAATCATGAAAGAGCGAGGCTCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTTAAACTGAAATCATGAAAGAGCGAGGCTCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCTAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCTAAATCTGTG 1174
```

```
RESULT 107
US-10-128-693A-271
; Sequence 271, Application US/10128693A
; Publication No. US2003007715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
```


APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: F330R1C139
CURRENT FILING DATE: 2002-04-24
PRIORITY APPLICATION NUMBER: US/10/131,813A
PRIORITY FILING DATE: 1997-06-18
PRIORITY APPLICATION NUMBER: 60/049911
PRIORITY FILING DATE: 1997-08-26
PRIORITY APPLICATION NUMBER: 60/059113
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/059115
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/059117
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/059122
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/059184
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/059263
PRIORITY FILING DATE: 1997-09-18
PRIORITY APPLICATION NUMBER: 60/059352
PRIORITY FILING DATE: 1997-09-19
PRIORITY APPLICATION NUMBER: 60/059588
PRIORITY FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-813A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGTGGGGAACCCCTTCGAGAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGAACCCCTTCGAGAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAGATGGCGCGCCGAGGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGCGCCGAGGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGTGACATGGCCCTTGGCCGAGAGTTGGGGACCCCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACATGGCCCTTGGCCGAGAGTTGGGGACCCCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGCTTTGGGTGATGACGGCTTGGCCACCGGSCCTGTGAGTGGACCTACCCC 240
Db 181 TTTGACTCGGCTTTGGGTGATGACGGCTTGGCCACCGGSCCTGTGAGTGGACCTACCCC 240
Qy 241 TTGCACACTACCTAAGGAAGAGAGTTGTACGCATGTGACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACTACCTAAGGAAGAGAGTTGTACGCATGTGACAGAGAGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGCTAGTTGGGTGATGAGTAATGACTTAATCGAACTAAATGGATGTGAA 360
Db 301 TCAATTTGCTAGTTGGGTGATGAGTAATGACTTAATCGAACTAAATGGATGTGAA 360
Qy 361 TCTGATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCAATCTTGTTC 420

Db 361 TCTGATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCAATCTTGTTC 420
Qy 421 CAGAACTAGCTGCAATTCGCTGAACTGAGCAAGCAAACTATGCTCCCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCAATTCGCTGAACTGAGCAAGCAAACTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCTCTCTAACTCTGGTGGGTCAATTCCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTCTAACTCTGGTGGGTCAATTCCTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTCAAGCGGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTCAAGCGGATGACGGAAAATA 600
Qy 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGAGCTACA 660
Db 601 GTTATATTCAGTCTAAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGAGCTACA 660
Qy 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAANTGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAANTGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTCTTCAAGATGGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTCAAGATGGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGAGCAGATATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAAGTCAATGAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAAGTCAATGAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 109
US-10-131-813A-271
; Sequence 271, Application US/10131818A
; Publication No. US2003007771A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C141
CURRENT APPLICATION NUMBER: US/10/131,818A
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-818A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
DB 1 CGGACGCTGGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGTGTGTGACAGAG 60

QY 61 GGGACACAGATGGCGCGCCGAGGGAGCCTCTGGGTGAGGCCACCACTGGGGCTCCCG 120
DB 61 GGGACACAGATGGCGCGCCGAGGGAGCCTCTGGGTGAGGCCACCACTGGGGCTCCCG 120

QY 121 CGGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGCTTGGGTGATACCGCTTGGCCACCGGGCTGTCAGTTGACCTACCCC 240
DB 181 TTTGACTCGCTTGGGTGATACCGCTTGGCCACCGGGCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGGAAGAGAGTGTGTACGATGTGACAGAGGTTGACGCTGTTT 300
DB 241 TTGCACACCTACCTAAGGAAGAGAGTGTGTACGATGTGACAGAGGTTGACGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGATGATGGAATGCACTTAATCGAATTAATGGAATGGA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGGAATGCACTTAATCGAATTAATGGAATGGA 360

QY 361 TCTGCATGTACAGAGCAATATCCCAATCTGATAGCAATATGCTTGCATCTTTGTTGC 420
DB 361 TCTGCATGTACAGAGCAATATCCCAATCTGATAGCAATATGCTTGCATCTTTGTTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGACAGACAGAACTATGCTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAACCTGACAGACAGAACTATGCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCCTAACTCTGGTGGGTCAATCTCTGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCCCTAACTCTGGTGGGTCAATCTCTGAGTGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATACCTCTTTTCAAGCGGATGACGGAATAAATA 600
DB 541 GCACAGAGCTTCATACCTCTTTTCAAGCGGATGACGGAATAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTTGGAGCAGGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTTGGAGCAGGCTTACA 660

QY 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTCAAGATGAGAGAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTCAAGATGAGAGAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTTATGCTTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGCTTATGCTTTGGATTTGT 840

QY 841 TGTGCAACTCTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTCTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGTCAATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGTCAATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080

QY 1081 AATTCCACTCTCATAGCGCTTTTAAAGTGTTCATTCGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGCGCTTTTAAAGTGTTCATTCGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 110
US-10-131-823A-271
; Sequence 271, Application US/10131823A
; Publication No. US2003007718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330RIC143
CURRENT APPLICATION NUMBER: US/10/131,823A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-823A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGCTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTCTGTGACAG 60
Db	1	CGGACGCTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTCTGTGACAG 60
Qy	61	GGGACAGATGCGGCGCGAGGAGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCG 120
Db	61	GGGACAGATGCGGCGCGCGAGGAGGAGCTCTGGGTGAGGACCCCACTGGGGCTCCG 120
Qy	121	CGGCTGCTGCTGCTGACCATGCTTGGCGGAGGTTGGGGACCGCTTCGCTGAAGCA 180
Db	121	CGGCTGCTGCTGCTGACCATGCTTGGCGGAGGTTGGGGACCGCTTCGCTGAAGCA 180
Qy	181	TTTGACTCGGTCTGGGTGATACGGCTCTTGCCACCGGSCCTGTGACGTTGACCTACCC 240
Db	181	TTTGACTCGGTCTGGGTGATACGGCTCTTGCCACCGGSCCTGTGACGTTGACCTACCC 240
Qy	241	TTGCACACCTACCCCTAAGGAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCTGTTT 300
Db	241	TTGCACACCTACCCCTAAGGAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCTGTTT 300
Qy	301	TCAATTTGCTAGTTTGGATGATGGAATGACTTAACTCGAACTAAATTTGGAATGTGAA 360
Db	301	TCAATTTGCTAGTTTGGATGATGGAATGACTTAACTCGAACTAAATTTGGAATGTGAA 360
Qy	361	TCTGCATGTACAGAGCATATTCCTCAATCTGTATGAGCAATATCTTCCCATCTTGGTTGC 420
Db	361	TCTGCATGTACAGAGCATATTCCTCAATCTGTATGAGCAATATCTTCCCATCTTGGTTGC 420
Qy	421	CAGAACTAGCTGCCATTCGCTGAAGTACAGCAACAACTATGTCCTGATGCCCAAA 480
Db	421	CAGAACTAGCTGCCATTCGCTGAAGTACAGCAACAACTATGTCCTGATGCCCAAA 480
Qy	481	ATGCACTACTCTTTCCTTAACCTCTGGTGGGTCATCTTGGAGTGACATGAGGACTCC 540
Db	481	ATGCACTACTCTTTCCTTAACCTCTGGTGGGTCATCTTGGAGTGACATGAGGACTCC 540
Qy	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

Db	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy	601	GTATATATCCAGTCTTAAGCCAGAAATCCAGTACCCACCAATTTGGAGAGGAGCCCTACA 660
Db	601	GTATATATCCAGTCTTAAGCCAGAAATCCAGTACCCACCAATTTGGAGAGGAGCCCTACA 660
Qy	661	TAATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db	661	TAATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy	721	CACAGAAATTTCTTGAAGATGGAAGAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db	721	CACAGAAATTTCTTGAAGATGGAAGAGTATGCTTTTAAAGATGCTCTCTCTCTTAAC 780
Qy	781	TCCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGCTTGAATTTGT 840
Db	781	TCCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGCTTGAATTTGT 840
Qy	841	TGTCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db	841	TGTCAACTGTTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy	901	GGTACTTGGAGTTTATGAAATGAACTAAGCTATGCTTCTCTCGGTGATGATGCTTTGCTTGTG 960
Db	901	GGTACTTGGAGTTTATGAAATGAACTAAGCTATGCTTCTCTCGGTGATGATGCTTTGCTTGTG 960
Qy	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Qy	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGAGCAAGTGTATAGACATCTAA 1080
Db	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGAGCAAGTGTATAGACATCTAA 1080
Qy	1081	TAATTCACCTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTT 1140
Db	1081	TAATTCACCTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTTTAAATGCTTT 1140
Qy	1141	CTATAAAATGCAAAATTAAGTACTCAATCTGTG 1174
Db	1141	CTATAAAATGCAAAATTAAGTACTCAATCTGTG 1174

RESULT 111
US-10-131-824A-271
; Sequence 271, Application US/10/131,824A
; Publication No. US2003007719A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Inc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC126
; CURRENT APPLICATION NUMBER: US/10/131,824A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-824A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
DB 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAGATGGCGGCGCGGAAAGGGAGCCTCTGGGTGAGGACCAACCTGGGGCTCCG 120
DB 61 GGGAAACAGATGGCGGCGCGGAAAGGGAGCCTCTGGGTGAGGACCAACCTGGGGCTCCG 120
QY 121 CCGTGTCTGCTGTGACATGGCTTCGCGGAGGTTTCGGGACCGCTTCGCTGAAGCA 180
DB 121 CCGTGTCTGCTGTGACATGGCTTCGCGGAGGTTTCGGGACCGCTTCGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATAGCGGCTCTTGGCAGCGGCTGTGAGTGACCTACCC 240
DB 181 TTTGACTCGGCTTGGGTGATAGCGGCTCTTGGCAGCGGCTGTGAGTGACCTACCC 240
QY 241 TTGCACACCTACCTAAGGAGAGGTTGTGACATGTGACAGAGGTTGACGGCTGTT 300
DB 241 TTGCACACCTACCTAAGGAGAGGTTGTGACATGTGACAGAGGTTGACGGCTGTT 300
QY 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGAA 360
DB 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCTTGGTGC 420
DB 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCTTGGTGC 420
QY 421 CAGATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTTAACCTCTGGTGGGTCATCTGGAGTGACATGAGTCTCC 540
DB 481 ATGCACCTACTCTTCTCTTAACCTCTGGTGGGTCATCTGGAGTGACATGAGTCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATTTCCAGTCTAAGCCAGAAATCAGTACCCACCATTTGGAGCAGGCTTACA 660
DB 601 GTTATTTCCAGTCTAAGCCAGAAATCAGTACCCACCATTTGGAGCAGGCTTACA 660

QY 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGC 720
DB 661 AATTTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGC 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTTAAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTTAAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGGATTGT 840
DB 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGCTTTGGATTGT 840
QY 841 TGTGCAACTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTCGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
DB 901 GGTGACTTCGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGATATGAGCTTAAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGATATGAGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174

RESULT 112
US-10-131-830A-271
Sequence 271, Application US/10131830A
Publication No. US2003007720A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C137
CURRENT APPLICATION NUMBER: US/10/131,830A
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117

Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGCTTTTAAAGATGCCCTCTCTTAAAC	780
Qy	781	TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCCGGTGATGGTATATGCTTTTGGATTGTT	840
Db	781	TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCCGGTGATGGTATATGCTTTTGGATTGTT	840
Qy	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTCAGATATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTCAGATATCTAT	900
Qy	901	GTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTG	960
Db	901	GTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTG	960
Qy	961	GTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT	1020
Db	961	GTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT	1020
Qy	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA	1080
Qy	1081	AAATCCACTCCTCATAGAGCTTTTAAATAGGTTTTCATTTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AAATCCACTCCTCATAGAGCTTTTAAATAGGTTTTCATTTGGATATAGGCCCTTAAGAAATCA	1140
Qy	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

US-10-131-837A-271
; Sequence 271, Application US/10131837A

US-10-131-837A-271
; Sequence 271, Application US/10131837A
; Publication No. US20030077721A1

; PUBLICATION NO: 0520
; GENERAL INFORMATION:

APPLICANT: Baker, Ke

APPLICANT: Beresini, Maur

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E

; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria

APPLICANT: SMITH, Victoria
APPLICANT: Stewart, Timothy

APPLICANT: Stewart, Timothy
APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED

; TITLE OF INVENTION: ACIDS E

; FILE REFERENCE: P3330R1C131

; CURRENT APPLICATION NUMBER:

; CURRENT FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: 60/250,000

; PRIOR APPLICATION NUMBER: 60
 : PRIOR FILING DATE: 1997-06-1

; PRIOR FILING DATE: 1997-06-11
: PRIOR APPLICATION NUMBER: 60

;; PRIOR APPLICATION NUMBER: 60
: PRIOR FILING DATE: 1997-08-2

;; PRIOR FILING DATE: 1997-08-22
;; PRIOR APPLICATION NUMBER: 60

;; PRIOR AFFILIATION NUMBER: 00
: PRIOR FILING DATE: 1997-09-1

PRIOR APPLICATION NUMBER: 60

PRIOR FILING DATE: 1997-09-1

PRIOR APPLICATION NUMBER: 60

;
PRIOR FILING DATE: 1997-09-1

PRIOR APPLICATION NUMBER: 60

;
; PRIOR FILING DATE: 1997-09-11

;
PRIOR APPLICATION NUMBER: 60

; PRIOR FILING DATE: 1997-09-11

;
PRIOR APPLICATION NUMBER: 60

; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
Us-10-131-837A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy 1 CGGACGGCTGGGGAAACCCCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAG 60
Db 1 CGGACGGCTGGGGAAACCCCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAG 60
Qy 61 GGGAAACAGATGGCGGCGCGGAGGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCG 120
Db 61 GGGAAACAGATGGCGGCGCGGAGGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCG 120
Qy 121 CCGCTGCTGCTGTGACCATGGCTTCGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCTTCGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACCTCGGTCTTGGGTGATACGGCTCTTGCACCGGCGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACCTCGGTCTTGGGTGATACGGCTCTTGCACCGGCGCTGTGAGTTGACCTACCC 240
Qy 241 TTGCACACCTACCTACCAAGGAGGAGTTGACCGATGTACGATGTACAGAGGTTGCGAGCTGTT 300
Db 241 TTGCACACCTACCTACCAAGGAGGAGTTGACCGATGTACGATGTACAGAGGTTGCGAGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGGATGATGGAATGCAATTAATCGAACTAAATGGAATGGA 360
Db 301 TCAATTTGTCAGTTTGGATGATGGAATGCAATTAATCGAACTAAATGGAATGGA 360
Qy 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Qy 421 CAGAACTAGTGCCTTCTTAACTCTGCTGAGTCTATCTGAGTGCATGATGAGCTCC 480
Db 421 CAGAACTAGTGCCTTCTTAACTCTGCTGAGTGCATGATGAGCTCC 480
Qy 481 ATGCACCTACTCTTCTTAACTCTGCTGAGTCTATCTGAGTGCATGATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTTAACTCTGCTGAGTGCATGATGAGCTCC 540
Qy 541 GCACAGACTTCAATACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGACTTCAATACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGCCACCAATTTGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCAGCAAAATCCAGTACGCCACCAATTTGAGCAGGAGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGTCTTTTAAAGTGCCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGTGGAGAAAGTGGTCTTTTAAAGTGCCTCTCTTAAAC 780
Qy 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
```

```
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGCTTTATGAATCAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGCTTTATGAATCAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTCGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTCGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTATAGGATATAGGCTTAAAGATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTAAATGCTTATAGGATATAGGCTTAAAGATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
```

RESULT 114

Us-10-137-872A-271
; Sequence 271, Application US/10137872A
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C150
; CURRENT APPLICATION NUMBER: US/10/137,872A
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-137-872A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACCGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACCGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGAAACAAGATGCGCGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCG 120
QY 121 CCGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGGCTGAAGCA 180
QY 181 TTGACTCGCTCTTGGGTGATGATGAGGAGGCTCTTCCACCGGCGCTGTCAGTTGACCTACCC 240
DB 181 TTGACTCGCTCTTGGGTGATGATGAGGAGGCTCTTCCACCGGCGCTGTCAGTTGACCTACCC 240
QY 241 TTGCAACCTACCTAAGGAAGGAGGTTGTACGATGTCAGAGAGTTGACGCTGTTT 300
DB 241 TTGCAACCTACCTAAGGAAGGAGGTTGTACGATGTCAGAGAGTTGACGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGAA 360
DB 301 TCAATTTGTCAGTTTGTGATGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGAA 360
QY 361 TGTGATGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 420
DB 361 TGTGATGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 420
QY 421 CAGAACTGCTGCTTCCCTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 480
DB 421 CAGAACTGCTGCTTCCCTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 480
QY 481 ATGCACTACTCTTCCCTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 540
DB 481 ATGCACTACTCTTCCCTGATGAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGATG 540
QY 541 GCACAGAGCTTCAATACCTCTTCAAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGAT 600
DB 541 GCACAGAGCTTCAATACCTCTTCAAGGAGGTTGATGAGGAGGTTGATGAGGAGGTTGAT 600
QY 601 GTTATATTCAGTCTAAGCAAAATCCAGTACGACCAACATTTGGAGCAGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCAAAATCCAGTACGACCAACATTTGGAGCAGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTCAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTCAAGATGAGAAATGATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTAACAATCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
DB 781 TCTGGTGGATTTTAACTAACAATCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTCAGTATCTAT 900
DB 841 TGTGCACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAGCTCAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
```

RESULT 115

```
US-10-147-500-271
; Sequence 271, Application US/10147500
; Publication No. US2003007723A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C325
; CURRENT APPLICATION NUMBER: US/10/147,500
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-500-271
```

```
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACCGCTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGACAGAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCG 120
DB 61 GGGAAACAAGATGCGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGTTGCGGAGCCGCTTGGGCTGAAGCA 180
QY 181 TTGACTCGCTCTTGGGTGATGAGGAGGTTGCGGAGGCTTCTCAGTTGACCTACCCC 240
DB 181 TTGACTCGCTCTTGGGTGATGAGGAGGTTGCGGAGGCTTCTCAGTTGACCTACCCC 240
```

QY	241	TTGCACACCTAACGGAAGGAGTTGTACGATGTCAGAGAGGTTGCAAGCTGTTTT	300
DB	241	TTGCACACCTAACGGAAGGAGTTGTACGATGTCAGAGAGGTTGCAAGCTGTTTT	300
QY	301	TCAATTTCTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTTAAATGGAATGTGAA	360
DB	301	TCAATTTCTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTTAAATGGAATGTGAA	360
QY	361	TCTGATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420
DB	361	TCTGATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420
QY	421	CAGAACTCAGCTGCCAATTCGCTGAACTGACACAAGAACCAACTTATGCTCCCTGATGCCAAAA	480
DB	421	CAGAACTCAGCTGCCAATTCGCTGAACTGACACAAGAACCAACTTATGCTCCCTGATGCCAAAA	480
QY	481	ATGCACCTACTCTTTCTCTTAACTCTGTGTGAGTCAATCTCGAGTGACATGAGACTCC	540
DB	481	ATGCACCTACTCTTTCTCTTAACTCTGTGTGAGTCAATCTCGAGTGACATGAGACTCC	540
QY	541	GCACAGAGCTTTCAATAACCTCTTCATGTGACTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
DB	541	GCACAGAGCTTTCAATAACCTCTTCATGTGACTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTTATATTCCAGTCTAAGCCGAAAATCCAGTAGCGACACACATTTGGAGCAGAGCCTTACA	660
DB	601	GTTATATTCCAGTCTAAGCCGAAAATCCAGTAGCGACACACATTTGGAGCAGAGCCTTACA	660
QY	661	AAATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
DB	661	AAATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTGAGATGAGGAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC	780
DB	721	CACAGGAATTTCTGAGATGAGGAAGTGATGGCTTTTAAAGATGCTCTCTCTCTTAAC	780
QY	781	TCGTGGTGGATTTTAACTTACAACCTCTTGCTCCTCGGTGATGGTATGCTTTGGATTGT	840
DB	781	TCGTGGTGGATTTTAACTTACAACCTCTTGCTCCTCGGTGATGGTATGCTTTGGATTGT	840
QY	841	TGTGCAACTGTGTCTCAGCTGTGGACAGTATGTTCCCTCTGACAAGCTCAGTATCTAT	900
DB	841	TGTGCAACTGTGTCTCAGCTGTGGACAGTATGTTCCCTCTGACAAGCTCAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
DB	901	GGTGACTTGGAGTTTATGAATGACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
QY	961	GTGTGTAGATCTTAAACTGAGATCATGAGAGAGAGGGCCCTACCTACACAAGATCAAT	1020
DB	961	GTGTGTAGATCTTAAACTGAGATCATGAGAGAGAGGGCCCTACCTACACAAGATCAAT	1020
QY	1021	CTTGCTCTACTTGAAATTTAAGCAATTTTCTTTTTTAAAGACAAGTGTAAATAGACATCAA	1080
DB	1021	CTTGCTCTACTTGAAATTTAAGCAATTTTCTTTTTTAAAGACAAGTGTAAATAGACATCAA	1080
QY	1081	AAATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTCGGATATAGGCTTAAAGAAATCA	1140
DB	1081	AAATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTCGGATATAGGCTTAAAGAAATCA	1140
QY	1141	CTATAAATGCAAAATAAAGTTTACTCAAAATCTGTG	1174
DB	1141	CTATAAATGCAAAATAAAGTTTACTCAAAATCTGTG	1174

481	ATGCACCTACTCTTTCTCTTCACTCTCTGGTAGGTCAATCTGGAGTAGCATGATGAGCTCC	540
Db		
541	GCACGAGGTTCAATACCTCTTCTTAGCACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Qy		
541	GCACGAGGTTCAATAACCTCTTCTAGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Db		
601	GTATATATCCAGTCTTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA	660
Qy		

QY 1021 CTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGCAAGAGTGTAAATAGACATCTAA 1080
DB 1021 CTGCTCATTCTGAAATTTAAGCAATTTCTTTTAAAGCAAGAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATCGTTTCAATGGTATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATCGTTTCAATGGTATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 118
US-10-147-517-271
; Sequence 271, Application US/10147517
; Publication No. US2003007726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C37
; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-517-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGAGCGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGAGCGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGCGCCGAGGGAGCCTCTGGGGTGGAGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGCGCCGAGGGAGCCTCTGGGGTGGAGACCCAACTGGGGCTCCCG 120
QY 121 CGGCTGTGCTGCTGACCATGCGCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGTGCTGCTGACCATGCGCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGTAGCTGGTCTGGGTGATACGCGTCTTGGCCACCGGGCTGTGAGTTGACCTACCCC 240
DB 181 TTGTAGCTGGTCTGGGTGATACGCGTCTTGGCCACCGGGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCGATGTACAGAGGTTGCGGGCTGTTT 300
DB 241 TTGCACACTACCCCTAAGAAAGAGAGTTGTACGCGATGTACAGAGGTTGCGGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGATTAATCGAACTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGATTAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCATTCGCTGAACTGAGACAAGAAACAACTTATGTCTCCTGATGCAAAA 480
DB 421 CAGAAATCAGCTGCATTCGCTGAACTGAGACAAGAAACAACTTATGTCTCCTGATGCAAAA 480
QY 481 ATGCACCTACTCTTTCTTCTTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCTTCTTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCAAACTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
DB 541 GCACAGAGCTTCAAACTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTAGCGACACCACTTTGGAGCAGGAGCTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTAGCGACACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATAGAGAAATTCACAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATAGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTGAAGATGAGAAAGTGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGAAGATGAGAAAGTGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTGGATTTGT 840
QY 841 TGTGCACTCTGCTCAGCTGAGAGTGTGCTCTCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTCTGCTCAGCTGAGAGTGTGCTCTCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTGTCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
DB 1021 CTGTCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 119
US-10-147-526-271
; Sequence 271, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C343
CURRENT APPLICATION NUMBER: US/10/147,526
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-147-526-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGTCACAGAG 60
1 CGGACCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGTGTCACAGAG 60
61 GGGAAACAAGATGGCGCGCGGAGGAGGAGCTTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120
61 GGGAAACAAGATGGCGCGCGGAGGAGGAGCTTCTGGGTGAGGAGCCCAACCTGGGGCTCCCG 120
121 CGCTCTGCTGCTGACCATGGCTTGGCGCGGAGGAGTTCGGGAGCGCTTGGCGTGAAGCA 180
121 CGCTCTGCTGCTGACCATGGCTTGGCGCGGAGGAGTTCGGGAGCGCTTGGCGTGAAGCA 180
181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGCGCTGTGAGTACCTTACCCC 240
181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGCGCTGTGAGTACCTTACCCC 240
241 TTGCACACTTACCTTAAGNAGAGGAGTTGAGCATGTGAGAGGTTGAGAGGTTGTT 300
241 TTGCACACTTACCTTAAGNAGAGGAGTTGAGCATGTGAGAGGTTGAGAGGTTGTT 300
301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTCAA 360
301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTCAA 360
361 TGTGATGTACAGAGCATATTCCTGATGAGCATATGCTTGCATCTTGGTTGC 420
361 TGTGATGTACAGAGCATATTCCTGATGAGCATATGCTTGCATCTTGGTTGC 420
421 CAGAATCAGTGTGCTGCTGAGTACGAGTACGAGTACGAGTATGCTGCTGATGCAAAA 480
421 CAGAATCAGTGTGCTGCTGAGTACGAGTACGAGTACGAGTATGCTGCTGATGCAAAA 480
481 ATGCACTACTCTTCTGCTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 540
481 ATGCACTACTCTTCTGCTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 540
541 GCACAGAGTTCATACCTCTTCAATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 600
541 GCACAGAGTTCATACCTCTTCAATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 600
601 GTTATATTCAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 660
601 GTTATATTCAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 660
661 AATTTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTCAATGAGAAATTCACAGCG 720

661 AATTTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
721 CACAGGAATTTTCTTGAAGATGAGAGAAAGTATGAGCTTTTAAAGATGCTCTCTCTTAAC 780
721 CACAGGAATTTTCTTGAAGATGAGAGAAAGTATGAGCTTTTAAAGATGCTCTCTCTTAAC 780
781 TCTGGTGTGATTTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
781 TCTGGTGTGATTTTAACTACAACTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
841 TGTGCAACTTGTGTACAGCTGTGAGCAGATATGCTTCCCTCTGAGAAAGCTGAGTATCTAT 900
841 TGTGCAACTTGTGTGTACAGCTGTGAGCAGATATGCTTCCCTCTGAGAAAGCTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 960
961 GTTGTAGATCTTAAACTGAAGATCATGAAGACAGAGGCTTACCTTACAAAAGTGAAT 1020
961 GTTGTAGATCTTAAACTGAAGATCATGAAGACAGAGGCTTACCTTACAAAAGTGAAT 1020
1021 CTTGCTCATCTGGAATTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1080
1021 CTTGCTCATCTGGAATTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1080
1081 AATTCACCTCTCTCATAGAGCTTTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1140
1081 AATTCACCTCTCTCATAGAGCTTTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1140
1141 CTTAATAATGCAATTAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1174
1141 CTTAATAATGCAATTAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 1174

RESULT 120

US-10-147-527-271
; Sequence 271, Application US/10147527
; Publication No. US20030077728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,527
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-527-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
DB 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGGCGGCGAGGGAGAGCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGGCGGCGAGGGAGAGCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGACATGAGCCCTTCGCGGAGGTTTCGGGACCGCTTCGGCTGAGCA 180
DB 121 CCGTGTCTGTCTGACATGAGCCCTTCGCGGAGGTTTCGGGACCGCTTCGGCTGAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGGATGAGGAATTGACTTAATCGAACTAAATGGGAATGTAA 360
DB 301 TCAATTTGTGAGTTGGATGAGGAATTGACTTAATCGAACTAAATGGGAATGTAA 360
QY 361 TCTGCATGACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGTGTC 420
DB 361 TCTGCATGACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGTGTC 420
QY 421 CAGATACGCTGCCATTCGCTGAACTGAGCAAGCAACAACTTATGCTCCCTGATGCCAAA 480
DB 421 CAGATACGCTGCCATTCGCTGAACTGAGCAAGCAACAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACTTACTCTTCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGAGTACTCC 540
DB 481 ATGCACTTACTCTTCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGAGTACTCC 540
QY 541 GCACAGACTTCATACCTCTCTGACTTTTATCTTCAAGCCGATGACGGAATAA 600
DB 541 GCACAGACTTCATACCTCTCTGACTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATCACAAGCG 720
DB 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAATGAGAAATCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAAGAGTGTATGGCTTTTAAAGATGCTCTCTTTAAC 780
DB 721 CACAGGAATTTTCTGAAGATGGAAGAGTGTATGGCTTTTAAAGATGCTCTCTTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTGCTCTCGGTGATGATGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTGCTCTCGGTGATGATGCTTGGATTTGT 840
QY 841 TGTGCAACTGTTGTCTACAGCTGTGAGCAGTATGCTTCCCTCTGAGAGCTGAGTACTAT 900
DB 841 TGTGCAACTGTTGTCTACAGCTGTGAGCAGTATGCTTCCCTCTGAGAGCTGAGTACTAT 900
QY 901 GTGATCTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
DB 901 GTGATCTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTGTAGATCTTAAACTGAAGATCATGCAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTGTAGATCTTAAACTGAAGATCATGCAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTGTGCTCATCTGAATTAAGCATTTTCTTTAAAGACAGAGTGAATGACATCTAA 1080
DB 1021 CTGTGCTCATCTGAATTAAGCATTTTCTTTAAAGACAGAGTGAATGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCTCAATCTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCTCAATCTGTG 1174

RESULT 121
US-10-121-041-271
; Sequence 271, Application US/10121041
; Publication No. US2003007776A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C9
; CURRENT APPLICATION NUMBER: US/10/121,041
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-041-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
DB 1 CGGACGGTGGGGAAACCTTCGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGGCGGCGAGGGAGAGCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGGCGGCGAGGGAGAGCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGACATGAGCCCTTCGCGGAGGTTTCGGGACCGCTTCGGCTGAGCA 180
DB 121 CCGTGTCTGTCTGACATGAGCCCTTCGCGGAGGTTTCGGGACCGCTTCGGCTGAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCTCTTGGCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGGATGAGGAATTGACTTAATCGAACTAAATGGGAATGTAA 360
DB 301 TCAATTTGTGAGTTGGATGAGGAATTGACTTAATCGAACTAAATGGGAATGTAA 360
QY 361 TCTGCATGACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGTGTC 420
DB 361 TCTGCATGACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGTGTC 420

Db 361 TCAGCATGTACAGAGCAATATCCCAATCTGAAGCAATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGAATCAGTGCATTCGCTGAAGTACAGAGCAAGCAACATTTATGCTCCCTGATGCCAAA 480
Db 421 CAGAATCAGTGCATTCGCTGAAGTACAGAGCAAGCAACATTTATGCTCCCTGATGCCAAA 480
Qy 481 ATGACCTACTCTTCT 540
Db 481 ATGACCTACTCTTCT 540
Qy 541 GCACAGAGCTTCATAACCT 600
Db 541 GCACAGAGCTTCATAACCT 600
Qy 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGAGCAGAGGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGAGCAGAGGCTTACA 660
Qy 661 AATTTCAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTTCAGAGAAATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTGAGATGAGAGAAATGATGGCTTTTAAAGATGCTCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGATGAGAGAAATGATGGCTTTTAAAGATGCTCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAACTCTGTCCTCTCGGTGATGCTATGCTTTGGAATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAACTCTGTCCTCTCGGTGATGCTATGCTTTGGAATTTGT 840
Qy 841 TGTGCAACTCTGCTACAGTGTGAGAGAGATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTCTGCTACAGTGTGAGAGAGATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTCTG 960
Qy 961 GTTGTAGATCTAAACTGAGATCATGAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAGATCATGAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTACTCAATCTGTG 1174

RESULT 122

US-10-121-043-271

; Sequence 271, Application US/10121043

; Publication No. US2003007777A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Deanoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary B.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333081C15
; CURRENT APPLICATION NUMBER: US/10/121,043
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-043-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCTGGGGAAACGCTTCCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
Db 1 CGGACGCTGGGGAAACGCTTCCGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCACTGGGCTCCCG 120
Qy 121 CGCTGCTGCTCTGACCATGCTTGGCGGAGGTTGCGGAGCGCTTGGCTGGAAGCA 180
Db 121 CGCTGCTGCTCTGACCATGCTTGGCGGAGGTTGCGGAGCGCTTGGCTGGAAGCA 180
Qy 181 TTTGACTCGGTCTGGGTGATACGGCGCTTTCGCCACCGGGCTGTGAGTTCAGCTACCCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGCGCTTTCGCCACCGGGCTGTGAGTTCAGCTACCCC 240
Qy 241 TGTCAACCTACCTTAAGAGAGAGGTTGTACGATGTGAGAGGTTGAGAGGTTGAGAGGTTT 300
Db 241 TGTCAACCTACCTTAAGAGAGAGGTTGTACGATGTGAGAGGTTGAGAGGTTGAGAGGTTT 300
Qy 301 TCAATTTGTGAGTTGTGATGATGGAATTCGATTTAAATCGAACTAAATTCGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGATGGAATTCGATTTAAATCGAACTAAATTCGAATGTGAA 360
Qy 361 TGTGATGTACAGAGCAATTTCCCAATCTGATGAGCAATATGCTTGCATCTTTGGTTGC 420
Db 361 TGTGATGTACAGAGCAATTTCCCAATCTGATGAGCAATATGCTTGCATCTTTGGTTGC 420
Qy 421 CAGAATCAGTGCCTTCCGCTGAACTGAGACAGAAACAACTTATGTCCTCTGATGCCAAA 480
Db 421 CAGAATCAGTGCCTTCCGCTGAACTGAGACAGAAACAACTTATGTCCTCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGGTTCAATTCGAGTGAATATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGGTTCAATTCGAGTGAATATGAGACTCC 540
Qy 541 GCACAGGCTTCATACCTCTTCTGAGCTTTTATCTTCAAGCGATGACGGAATAATA 600
Db 541 GCACAGGCTTCATACCTCTTCTGAGCTTTTATCTTCAAGCGATGACGGAATAATA 600
Qy 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTACA 660
Db 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTACA 660
Qy 661 AATTTCAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTTCAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTGAGATGAGAGAAATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTTCTGAGATGAGAGAAATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGT 1174

RESULT 124

US-10-123-215-271

; Sequence 271, Application US/10123215

; Publication No. US2003007780A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P330R1C41

; CURRENT APPLICATION NUMBER: US/10/123,215

; PRIORITY FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-123-215-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGGCTGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAG	60
Db	1	CGGACGGCTGGGGAAACCCCTTCGGAGAAACAGCAACAGCTGAGCTGCTGTGACAG	60
Qy	61	GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCG	120
Db	61	GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCCACTGGGGCTCCG	120
Qy	121	CGGCTGCTGCTGTGACCATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CGGCTGCTGCTGTGACCATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACCTGGCTTGGGTGATAGGGCTTGGCACGGGCTGTGAGTGGCTTACCC	240
Db	181	TTTGACCTGGCTTGGGTGATAGGGCTTGGCACGGGCTGTGAGTGGCTTACCC	240
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTT	300
Qy	301	TCAATTTGTGATGTTGGATGATGGAATGACTTAATTCGAACCTAAATGGAATGTGAA	360
Db	301	TCAATTTGTGATGTTGGATGATGGAATGACTTAATTCGAACCTAAATGGAATGTGAA	360
Qy	361	TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTGC	420
Db	361	TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTGC	420
Qy	421	CAGAAATCAGCTGCATTCGCTGAACTGAGCAAGAAACAACTTATGCTGATGCGCAAAA	480

	Query Match	100.0%	Score 1174;	DB 15;	Length 1174;
	Best Local Similarity	100.0%;	Pred. No. 0;		
	Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
Qy	1	CGGACGCGTGGGGAAACCTTCCGAAAAACGCAACAGCTGAGCTCTCTGTGACAG	60		
Db	1	CGGACGCGTGGGGAAACCTTCCGAAAAACGCAACAGCTGAGCTCTCTGTGACAG	60		
Qy	61	GGGACAAAGATGGGGCGCGCGAAGGGGAGCTCTGTGGTGAGGACCCAACTGGGGGCTCCG	120		
Db	61	GGGACAAAGATGGGGCGCGCGAAGGGGAGCTCTGTGGTGAGGACCCAACTGGGGGCTCCG	120		
Qy	121	CGGCTGCTGCTGTGACCATGGCCCTTGGCCGGAAGGTTCCGGGACCGCTTCGGCTGAAGCA	180		


```
Qy 541 GCACAGAGCTTCTAATCTCTCATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Db 541 GCACAGAGCTTCTAATCTCTCATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCAATTTGAGCAGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCAATTTGAGCAGAGGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGC 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGC 720
Qy 721 CACAGGAATTTCTGAGAGTGAAGAGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTGAGAGTGAAGAGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGATTTGTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGATTTGTTGGATTTGT 840
Qy 841 TGTGCAACTCTGCTACAGCTGTGAGAGTATGTTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCAACTCTGCTACAGCTGTGAGAGTATGTTTCCCTCTGAGAGCTGATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTGCTCATCTGCAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATGACATCTAA 1080
Db 1021 CTGCTCATCTGCAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
```

RESULT 128

```
US-10-123-910-271
; Sequence 271, Application US/10123910
; Publication No. US2003007784A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C45
; CURRENT APPLICATION NUMBER: US/10/123,910
; CURRENT FILING DATE: 2002-04-16
```

```
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-910-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGACGCGTGGGGGAAACCTTCCGAGAAACACAGCAACAGCTGAGCTGCTGACAGAG 60
Db 1 CGACGCGTGGGGGAAACCTTCCGAGAAACACAGCAACAGCTGAGCTGCTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGAGACCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGAGACCCAACTGGGCTCCCG 120
Qy 121 CGCTGCTGCTGTACCAATGSCCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CGCTGCTGCTGTACCAATGSCCTTGGCGGAGGTTGCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCCGCTCTTGGGTGATACGGCTCTTGCACACCGGCTCTGTCAGTTGACCTACCCCC 240
Db 181 TTTGACTCCGCTCTTGGGTGATACGGCTCTTGCACACCGGCTCTGTCAGTTGACCTACCCCC 240
Qy 241 TTGCACACCTACCTTAAGAAAGAGAGTGTGACGATGTCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGAAAGAGAGTGTGACGATGTCAGAGAGGTTGAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCAATGACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCAATGACAGAGCATATTTCCAAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGAACTCAGCTGCCATTGCTGAACTGAGACAAAGAACTTATGCTCCTGATGCAAAA 480
Db 421 CAGAACTCAGCTGCCATTGCTGAACTGAGACAAAGAACTTATGCTCCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTTAACTCTGGTGGGTCATTTCTGAGAGTGAATGATGAGCTCC 540
Db 481 ATGCACCTACTCTTCTCTTAACTCTGGTGGGTCATTTCTGAGAGTGAATGATGAGCTCC 540
Qy 541 GCACAGAGCTTCTAATCTCTTCAATGGACTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Db 541 GCACAGAGCTTCTAATCTCTTCAATGGACTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCAATTTGAGCAGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCAGACCAATTTGAGCAGAGGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGC 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGC 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAGAGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAGTGGCTTTTAAAGATGCGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGATTTGTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGATTTGTTGGATTTGT 840
Qy 841 TGTGCAACTCTGCTACAGCTGTGAGAGTATGTTTCCCTCTGAGAGCTGATCTAT 900
Db 841 TGTGCAACTCTGCTACAGCTGTGAGAGTATGTTTCCCTCTGAGAGCTGATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
```

```
Db 901 GGTGACCTGGGTTTATGATGACAAAGCTAAACGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTGATCTAAATCTGAAGATCATGAAGAAGCAGGGCTCTACTCTCAAAAGTGAAT 1020
Db 961 GTTGTGATCTAAATCTGAAGATCATGAAGAAGCAGGGCTCTACTCTCAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGACAGTCTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGACAGTCTAATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATGTGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATGTGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 129
US-10-124-813-271
; Sequence 271, Application US/10124813
; Publication No. US2003007785A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvatoff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C67
; CURRENT APPLICATION NUMBER: US/10/124, 813
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-124-813-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGGTGGGGAACCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
Db 1 CGGACGGGTGGGGAACCTTCGGAGAAAACAGCAACAGCTGAGCTCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTCTGTCTGACCATGAGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGACCATGAGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTTCGGTCTGGGTGATAGCGGCTCTTGGCACCGGCGCTGTGACCTTACCC 240
Db 181 TTTGACTTCGGTCTGGGTGATAGCGGCTCTTGGCACCGGCGCTGTGACCTTACCC 240
```

```
Db 181 TTTGACTTCGGTCTGGGTGATAGCGGCTCTTGGCACCGGCGCTGTGACCTTACCC 240
Qy 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTAGCATGTGCAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTAGCATGTGCAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTCTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTCTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAACATATTCCCAATCTGTAGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAACATATTCCCAATCTGTAGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAACTCAGCTGCCATTCGCTGAACTGACACAGCAAGCAACTTATCTCCCTGATGCCAAA 480
Db 421 CAGAACTCAGCTGCCATTCGCTGAACTGACACAGCAAGCAACTTATCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCTCTAACTCTGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Qy 541 GCACAGCTTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAATA 600
Db 541 GCACAGCTTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAATA 600
Qy 601 GTTATATTCCAGTCTTAAGCCAGAAATCCAGTACGACCAACCACTTTGGAGCAGGCTTACA 660
Db 601 GTTATATTCCAGTCTTAAGCCAGAAATCCAGTACGACCAACCACTTTGGAGCAGGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTGAAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTGAAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGAATTTTAACTACAACCTCTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGAATTTTAACTACAACCTCTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Qy 841 TGTGCAACTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTTAAACTGAAGTCAATGAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTTAAACTGAAGTCAATGAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTCGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCGAAATTTAAGCAATTTTCTTTTAAAGACAGAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
```

RESULT 130
US-10-124-817-271
; Sequence 271, Application US/10124817
; Publication No. US2003007786A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

; ORGANISM: Homo Sapien
US-10-125-922-271

```
Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGACGCGTGGGGAACCTTCCGAGAAAAAGCAAGCAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGACGCGTGGGGAACCTTCCGAGAAAAAGCAAGCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GCGAACAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGACCAACTGGGCTCCCG 120
DB 61 GCGAACAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGACCAACTGGGCTCCCG 120
QY 121 CCCTGCTGCTGCTGACATGCGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCCTGCTGCTGCTGACATGCGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGTGACTCGGTCTTGAGTATACGGGCTCTTGCACCGGCTGTGAGTACCTACCCC 240
DB 181 TTGTGACTCGGTCTTGAGTATACGGGCTCTTGCACCGGCTGTGAGTACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTACAGAGGTTGAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTACAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTGTGAGTTGTGAGTATGGAATGAGTAAATCGAATCAAAATGGAATGTGAA 360
DB 301 TCAATTGTGAGTTGTGAGTATGGAATGAGTAAATCGAATCAAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAAATCAGTGCATCTGCTGAACTGAGACAGAAACAACTTATGCTCCTGATGCCAAAA 480
DB 421 CAGAAATCAGTGCATCTGCTGAACTGAGACAGAAACAACTTATGCTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTTAACTCTGGTGGAGTCACTTCTGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTCTCTTAACTCTGGTGGAGTCACTTCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGTTCATAACCTTTCATGCACTTTTATCTTCAAGCCGATGACGGAATAATA 600
DB 541 GCACAGAGTTCATAACCTTTCATGCACTTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTACA 660
DB 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTACA 660
QY 661 AATTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGAAATCATCTCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAATGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAATGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGAGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGATTTGT 840
DB 781 TCTGGGTGAGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAATCTGAAGTATGATGAAGAGCGAGGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAATCTGAAGTATGATGAAGAGCGAGGCTCTACCTACAAAAGTGAAT 1020
```

```
DB 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTCGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATTCGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 132
US-10-125-924-271
; Sequence 271, Application US/10125924
; Publication No. US20030077788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P33301C75
; CURRENT APPLICATION NUMBER: US/10/125,924
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-125-924-271
```

```
Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGACGCGTGGGGAACCTTCCGAGAAAAAGCAAGCAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGACGCGTGGGGAACCTTCCGAGAAAAAGCAAGCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GCGAACAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGACCAACTGGGCTCCCG 120
DB 61 GCGAACAGATGCGCGCGCGGAGGGAGCCCTCGGTGAGGACCAACTGGGCTCCCG 120
QY 121 CCCTGCTGCTGCTGACATGCGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCCTGCTGCTGCTGACATGCGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGTGACTCGGTCTTGAGTATACGGGCTCTTGCACCGGCTGTGAGTACCTACCCC 240
DB 181 TTGTGACTCGGTCTTGAGTATACGGGCTCTTGCACCGGCTGTGAGTACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTACAGAGGTTGAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTACAGAGGTTGAGGCTGTTT 300
```



```
QY 301 TCAATTTCTCAGTTTGGGATGATGAATGACCTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTCTCAGTTTGGGATGATGAATGACCTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATCTTGCCATCTTGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
Db 481 ATGCACCTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
QY 541 GCACAGAGCTTCATAAACCCTTTCATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCCTTTCATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCAATTTGAGGAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCAATTTGAGGAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAAGAGTGAAGTGGCTTTTAAAGATGCGCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAAGAGTGAAGTGGCTTTTAAAGATGCGCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTATTTGATTTCTTCTT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTATTTGATTTCTTCTT 840
QY 841 TGTGCAACTGTGTGTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGTGTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
Db 901 GTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGGCTCATCTGAAATTTAGCAATTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
Db 1021 CTTGGCTCATCTGAAATTTAGCAATTTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
```

RESULT 133

US-10-140-860-271

; Sequence 271, Application US/10140860

; Publication No. US2003007789A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCES: P330KIC189
; CURRENT APPLICATION NUMBER: US/10/140,860
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-140-860-271
```

```
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGGAAACCCCTCCGAGAAAACAGGAAACAGGCTGAGCTGCTGTGACAG 60
Db 1 CGGACGGCTGGGGGAAACCCCTCCGAGAAAACAGGAAACAGGCTGAGCTGCTGTGACAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCCACTGGGGGTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCCACTGGGGGTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCTTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAACA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCTTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAACA 180
QY 181 TTTGACTCGGCTTTGGGTGATAGCGGCTTTTGCCACCGGGGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTTTGGGTGATAGCGGCTTTTGCCACCGGGGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGATGCAATGTGATGATGATGATGATGATGAT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGATGCAATGTGATGATGATGATGATGATGAT 300
QY 301 TCAATTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360
Db 301 TCAATTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
Db 481 ATGCACCTACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540
QY 541 GCACAGAGCTTCATAAACCCTTTCATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCCTTTCATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCAATTTGAGGAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCAATTTGAGGAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
```


Db 661 AATTGAGAGAAATCAATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATCAAGAGC 720
Qy 721 CACAGGAAATTTCTGAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAAC 780
Db 721 CACAGGAAATTTCTGAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAAACTCTTGCTCTCGGTGATGCTTCTCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAAACTCTTGCTCTCGGTGATGCTTCTCTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGATATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGATATCTAT 900
Qy 901 GGTGACCTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960
Db 901 GGTGACCTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGAGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAAGCAATTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAAGCAATTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAGTGTTCATTTGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAACTCTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTCTG 1174

RESULT 134

US-10-142-417-271
; Sequence 271, Application US/10142417
; Publication No. US2003007790A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C232
; CURRENT APPLICATION NUMBER: US/10/142,417
; CURRENT FILING DATE: 2002-05-09
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-417-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGGGCGCGGAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGGGCGCGGAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGCTCTCTGCTGACCATGAGCCCTTGGCCGAGGCTTGGGGAGCCGCTTCCGCTGAAGCA 180
Db 121 CCGCTCTCTGCTGACCATGAGCCCTTGGCCGAGGCTTGGGGAGCCGCTTCCGCTGAAGCA 180
Qy 181 TTTGACTCTGGTCTGGGTGATACGGGCTTTCCCAACCGGGCTGTGACCTTACCTACCCC 240
Db 181 TTTGACTCTGGTCTGGGTGATACGGGCTTTCCCAACCGGGCTGTGACCTTACCTACCCC 240
Qy 241 TTGCACACCTTACCCTTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTTACCCTTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTTGTGATGATGAAATGTACTTAAATTCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTGAGTTTGTGATGATGAAATGTACTTAAATTCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAACATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTCG 420
Db 361 TCTGCATGTACAGAACATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTCG 420
Qy 421 CAGAATCAGCTGCGCATTCGCTGAACTGAGACAAGAACAACTTATTCCTCTGATGCAAAA 480
Db 421 CAGAATCAGCTGCGCATTCGCTGAACTGAGACAAGAACAACTTATTCCTCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 540
Db 481 ATGCACCTACTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 540
Qy 541 GCACAGAGCTTCAATAACCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 600
Db 541 GCACAGAGCTTCAATAACCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGGCTTCA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGGCTTCA 660
Qy 661 AATTGAGAGAAATCACTCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCACTCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAAACTCTTGTCTCTCGGTGATGCTTCTTGGATTTGT 840
Qy 841 TGTCCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGATATCTAT 900
Db 841 TGTCCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGATATCTAT 900
Qy 901 GGTCACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTCACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTTAAAGCAATTTCTTTTAAAGACAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTTAAAGCAATTTCTTTTAAAGACAGTGTATAGACATCTAA 1080

QY 1081 AATTCCACTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCACTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 135
US-10-147-519-271
; Sequence 271, Application US/10147519
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C346
; CURRENT APPLICATION NUMBER: US/10/147,519
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-519-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACACAGATGGCGCGCGGAGGGAGCGCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
DB 61 GGGACACAGATGGCGCGCGGAGGGAGCGCTCTGGGTGAGAGCCCAACTGGGCTCCCG 120
QY 121 CGCTCTCTCTGCTGACCATGCGCTTGGCGGAGGTTGCGGAGCCGCTTCGGCTGGAAGCA 180
DB 121 CGCTCTCTCTGCTGACCATGCGCTTGGCGGAGGTTGCGGAGCCGCTTCGGCTGGAAGCA 180
QY 181 TTGACTCTGGTCTTGGGTGATACGGGCTTCCCAACCGGCGCTGTGACCTACCC 240
DB 181 TTGACTCTGGTCTTGGGTGATACGGGCTTCCCAACCGGCGCTGTGACCTACCC 240
QY 241 TTGCACACCTACCCTAAGGAGAGGTTGTACGATGTGACGAGGTTGAGGCTGTT 300
DB 241 TTGCACACCTACCCTAAGGAGAGGTTGTACGATGTGACGAGGTTGAGGCTGTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATGTGACTTAAATCGAACTAAATGGAAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGTGGATGATGGAATGTGACTTAAATCGAACTAAATGGAAATGTGAA 360

QY 361 TCTGCTGTACAGAAAGCATATATCCCAATCTGTATGATGCAATATGCTTGCCATCTGCTTGC 420
DB 361 TCTGCTGTACAGAAAGCATATATCCCAATCTGTATGATGCAATATGCTTGCCATCTGCTTGC 420
QY 421 CAGAATCAGCTGCGCTGCACTGAGCAAGAAACAACTTATGCTGCTGATGCAAAA 480
DB 421 CAGAATCAGCTGCGCTGCACTGAGCAAGAAACAACTTATGCTGCTGATGCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTGATCTCTGAGTGAATGATGCACTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTGATCTCTGAGTGAATGATGCACTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGAAAAATA 600
DB 541 GCACAGAGCTTCAATACCTCTTCAAGCACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
DB 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGAATCATCTCTAAGCAAAATGCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGATTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGATTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAGAGCAGGCGCTTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAAGATCATGAGAGCAGGCGCTTACCTACAAAAGTGAAT 1020
QY 1021 CTGTCTCATCTGAAATTTAAGCATTTTTCTTTTAAAGCAATTTCTTTTAAAGCAATCTAA 1080
DB 1021 CTGTCTCATCTGAAATTTAAGCATTTTTCTTTTAAAGCAATTTCTTTTAAAGCAATCTAA 1080
QY 1081 AATTCCACTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
DB 1081 AATTCCACTCTCTATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 136

US-10-157-782-271
; Sequence 271, Application US/10157782
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

Db	721	CACAGGAATTTTCTTGAGAGTGGAGAAAGTGATGSCITTTTAAAGATGCTCTCTCTTAAC	780
Qy	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATGTGCTTTGATTTGT	840
Db	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATGTGCTTTGATTTGT	840
Qy	841	TGTCGAACCTGTCCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGAGCTGAGTATCTAT	900
Db	841	TGTCGAACCTGTCCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900
Qy	901	GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAAAACAGATATCCAGCTTCTTCTCTTTGTG	960
Db	901	GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAAAACAGATATCCAGCTTCTTCTCTTTGTG	960
Qy	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGAGGCGCTCTACCTAACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGAGGCGCTCTACCTAACAAAAGTGAAT	1020
Qy	1021	CTTGCTCATTTCTGAAATTTTAAGCAATTTTCTTTTAAAGACAAGTGAATAAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTTAAGCAATTTTCTTTTAAAGACAAGTGAATAAGACATCTAA	1080
Qy	1081	AAATCCACTCCTCATAGAGCTTTTAAAAATGGTTTCAATGGATATAGGCGCTTTAAGAAATCA	1140
Db	1081	AAATCCACTCCTCATAGAGCTTTTAAAAATGGTTTCAATGGATATAGGCGCTTTAAGAAATCA	1140
Qy	1141	CTATAAATGCAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAATGCAATAAAGTTACTCAAAATCTGTG	1174

	Query Match	100.0%	Score 1174;	DB 15;	Length 1174;
	Best Local Similarity	100.0%;	Pred. No. 0;		
	Matches 1174;	Conservative	0;	Mismatches	0;
				Indels	Gaps
Qy	1	CGAGCGCTGGGGAAACCCCTCCGAGAAACGACAACTGACCTCTCTGCACAG	60		
Db	1	CGAGCGCTGGGGAAACCCCTCCGAGAAACGACAACTGACCTCTCTGCACAG	60		


```
QY 241 TTGCACCTACCTACCTAGGAGAGGCTGTGACGATGTGACAGAGGTTGCGAGGCTGTTT 300
Db 241 TTGCACCTACCTACCTAGGAGAGGCTGTGACGATGTGACAGAGGTTGCGAGGCTGTTT 300
QY 301 TCAATTTGTGCTGTTGTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGAA 360
Db 301 TCAATTTGTGCTGTTGTGGATGATGGAATGCACTTAATCGAACTAAATGGAATGAA 360
QY 361 TCTGATGTACAGAGGATATTCCTGATGAGCAATGATGAGCAATGATGAGCAATGATGAGCAAT 420
Db 361 TCTGATGTACAGAGGATATTCCTGATGAGCAATGATGAGCAATGATGAGCAATGATGAGCAAT 420
QY 421 CAGATACAGCTGCCATTCGCTGAACTGAGCAAGCAACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGATACAGCTGCCATTCGCTGAACTGAGCAAGCAACAACTTATGCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTCACTCTGCTGAGGCTCATCTGAGGCTCATCTGAGGCTCATCTGAGGCT 540
Db 481 ATGCACCTACTCTTCTCTCACTCTGCTGAGGCTCATCTGAGGCTCATCTGAGGCTCATCTGAGGCT 540
QY 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAAGCCGAAATCCAGTACGCAACAACTTGGAGGAGGCTTACA 660
Db 601 GTTATATTCAGTCTTAAGCCGAAATCCAGTACGCAACAACTTGGAGGAGGCTTACA 660
QY 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGCAAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTTAAGCAAAATGCTTATCTGCAAAATGCAAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTGAGAGTGAAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTGAGAGTGAAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGATGATGATGATGATGATGAT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGATGATGATGATGATGATGATGAT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACTGAAGCTTAAGCAAGCTTAAGCAAGCTTAAGCAAGCT 960
Db 901 GGTGACTTGGAGTTTATGATGAACTGAAGCTTAAGCAAGCTTAAGCAAGCTTAAGCAAGCT 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTACCTTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCTCTACCTTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATGATGATGATGATGAT 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGAATGATGATGATGATGAT 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTACTCAAAATCTGTG 1174
```

RESULT 140

```
US-10-127-831A-271
; Sequence 271, Application US/10127831A
; Publication No. US2003008289A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
```

```
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C107
CURRENT APPLICATION NUMBER: US/10/127,831A
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-127-831A-271
```

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGCTGGGGGAAACCCCTTCGAGAGAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCTGGGGGAAACCCCTTCGAGAGAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGACAAAGATGGGGCCCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGACAAAGATGGGGCCCGAAGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGTGACCATGGCTTCGGCGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGTGACCATGGCTTCGGCGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGATCGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGATCGTCTTGGGTGATACGGCTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGAAAGAGAGGTTGTACGCATGTTCAGAGAGTTTCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGAAAGAGAGGTTGTACGCATGTTCAGAGAGTTTCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGTTGTGGATGATGGAATTCGAACTAAATGGAATGAA 360
```

Db TCAATTTGTGAGTTGGATGATGAATTAACCTTAATCGAATTAATGGAATGTGAA 360
QY TCTCATGTACAGAGCATATCCCATCTGATGAGCAATATCTTGGCTTCTTGGTTGC 420
Db TCTCATGTACAGAGCATATCCCATCTGATGAGCAATATCTTGGCTTCTTGGTTGC 420
QY CAGATCAGCTGCATTCGCTGAACTGAGCAAGAAACAATATGTCCTGATGCCAAA 480
Db CAGATCAGCTGCATTCGCTGAACTGAGCAAGAAACAATATGTCCTGATGCCAAA 480
QY ATGCACCTACTCTTCTCTAACTCTGCTGAGCTATCTGAGTACATGATGCTCC 540
Db ATGCACCTACTCTTCTCTAACTCTGCTGAGCTATCTGAGTACATGATGCTCC 540
QY GCACAGAGCTTCATAAATCTCTCATGACCTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db GCACAGAGCTTCATAAATCTCTCATGACCTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY GTTATATCCAGTCTAAGCCGAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
Db GTTATATCCAGTCTAAGCCGAAATCCAGTACGACCAATTTGGAGCAGAGCTTACA 660
QY AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGG 720
Db AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAAGG 720
QY CACAGGAATTTCTGAGAGTGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db CACAGGAATTTCTGAGAGTGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
QY TCTGGTGGATTTTAACTACAACTCTGCTCTCGGTGATGATGCTTGGATTTGT 840
Db TCTGGTGGATTTTAACTACAACTCTGCTCTCGGTGATGATGCTTGGATTTGT 840
QY TGTCAACTGTGTGTACAGCTGTGAGCAGATGTTCCCTCTGAGAGCTGATCTAT 900
Db TGTCAACTGTGTGTACAGCTGTGAGCAGATGTTCCCTCTGAGAGCTGATCTAT 900
QY GGTGACTGGAGTTTATGAATGACAAAGCTAACAAGATATCCAGTCTCTCTTGTG 960
Db GGTGACTGGAGTTTATGAATGACAAAGCTAACAAGATATCCAGTCTCTCTTGTG 960
QY GTTGTAGATCTAAACTGAAGATCATGAAGCAGGCTCTACCTACAAAGTGAAT 1020
Db GTTGTAGATCTAAACTGAAGATCATGAAGCAGGCTCTACCTACAAAGTGAAT 1020
QY CTTCCTCATCTGAAATTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Db CTTCCTCATCTGAAATTAAGCAATTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
QY CTATAAATGCAATTAAGTACTCAATCTGTG 1174
Db CTATAAATGCAATTAAGTACTCAATCTGTG 1174

RESULT 141
US-10-127-837A-271
; Sequence 271, Application US/10127837A
; Publication No. US20030082690A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bersini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filwaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C96
; CURRENT APPLICATION NUMBER: US/10/127,837A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-837A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGGAGGAGCCTCTGGGTGAGGAGCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGGAGGAGCCTCTGGGTGAGGAGCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCCCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCCCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCACCGGGCCCTGTCACTTGAACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGCACCGGGCCCTGTCACTTGAACCTACCC 240
QY 241 TTGCACCTTACCTTAAGGAGGAGTTGTACGATGTCCAGAGGTTGCGAGGCTGTTT 300
Db 241 TTGCACCTTACCTTAAGGAGGAGTTGTACGATGTCCAGAGGTTGCGAGGCTGTTT 300
QY 301 TCAATTTGTCTAGTTTGTGGATGATGAAATTTGACTTAAATCGAACTAAATTTGGAATCTGAA 360
Db 301 TCAATTTGTCTAGTTTGTGGATGATGAAATTTGACTTAAATCGAACTAAATTTGGAATCTGAA 360
QY 361 TCTGCATGTACAGAGCAATATTTCCCAATCTGATGAGCAATATCTTGGCTTCTTGGTTC 420
Db 361 TCTGCATGTACAGAGCAATATTTCCCAATCTGATGAGCAATATCTTGGCTTCTTGGTTC 420

421 CAGAATCAGCTCCATTCGCTGAATGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
421 CAGAATCAGCTCCATTCGCTGAATGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGCATGATGGATCC 540
481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGCATGATGGATCC 540
541 GCACAGAGCTTCATCACTCTTTCAGGCTTTTATCTTCAAGCCGATGACGGAATAA 600
541 GCACAGAGCTTCATCACTCTTTCAGGCTTTTATCTTCAAGCCGATGACGGAATAA 600
601 GTTATATCCAGTCTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACCTACA 660
601 GTTATATCCAGTCTAAGCCAGAAATCAGTACGACCAACATTTGGAGCAGGACCTACA 660
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTCTTCAAGTGAAGTGAAGTGAAGTGA 720
661 AATTTGAGAGATCATCTCTAAGCAAAATGCTTCTTCAAGTGAAGTGAAGTGAAGTGA 720
721 CACAGAAATTTCTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 780
721 CACAGAAATTTCTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 780
781 TCTGGTGGATTTAATCACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 840
781 TCTGGTGGATTTAATCACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 840
841 TGTGCAACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 900
841 TGTGCAACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 900
901 GTTGCTCTGAGTTTATGATGACAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 960
901 GTTGCTCTGAGTTTATGATGACAAAGCTTAAAGCTTAAAGCTTAAAGCTTAAAGCTT 960
961 GTTGTAGATCTAAACTGAAGTCAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
961 GTTGTAGATCTAAACTGAAGTCAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
1021 CTTGCTCATCTGAATTTAAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1080
1021 CTTGCTCATCTGAATTTAAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1080
1081 AATTCACCTCTCATAGAGCTTTTAAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1140
1081 AATTCACCTCTCATAGAGCTTTTAAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1140
1141 CTATAAATGCAATTAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1174
1141 CTATAAATGCAATTAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1174

RESULT 142
US-10-127-838B-271
; Sequence 271, Application US/10127838B
; Publication No. US20030082691A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin X
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C98
CURRENT APPLICATION NUMBER: US/10/127,838B
CURRENT FILING DATE: 2002-04-22
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-127-838B-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCTTCCGAGAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCTGGGGGAAACCTTCCGAGAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
QY 61 GGAACAGATGGCGCGCCGAGGAGCTCTGGTGAGGAGCCCACTGGGGCTCCCG 120
Db 61 GGAACAGATGGCGCGCCGAGGAGCTCTGGTGAGGAGCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGAGGTTTGGGGAGCCGCTTGGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGAGGTTTGGGGAGCCGCTTGGGCTGAAGCA 180
QY 181 TTTGACTGGCTTGGGTGATACGGCTCTTCCACGGGCTGTGAGTGGAGCTTACCTACCCC 240
Db 181 TTTGACTGGCTTGGGTGATACGGCTCTTCCACGGGCTGTGAGTGGAGCTTACCTACCCC 240
QY 241 TTGCAACCTACCTTAAGAGAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTTTT 300
Db 241 TTGCAACCTACCTTAAGAGAGAGGAGTTGTACGATGTTCAGAGAGGTTGAGGCTTTT 300
QY 301 TCAATTTGTGCTTGTGATGATGAATTCGACTTAATCGAACTAATTTGGATGTGAA 360
Db 301 TCAATTTGTGCTTGTGATGATGAATTCGACTTAATCGAACTAATTTGGATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATTTGGTTGC 420
QY 421 CAGAATCAGCTCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 540

Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGGAGCTCATCTGGAGTGACATGAGCTCC 540
Qy 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAGCGGATGACGGAAATA 600
Db 541 GCACAGAGCTTCATACCTCTTCATGAGCTTTTATCTTCAGCGGATGACGGAAATA 600
Qy 601 GTTATATTCAGTCTAAGCGAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCGAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
Qy 721 CACAGAAATTTCTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAAC 780
Db 721 CACAGAAATTTCTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAAC 780
Qy 781 TCTGGGTGGATTTAACTACACTCTGTCTCTCGGTGATGGTATTCCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTAACTACACTCTGTCTCTCGGTGATGGTATTCCTTTGGATTTGT 840
Qy 841 TGTGCAACTCTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTCTTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGCGCTCTACCTTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGCGCTCTACCTTACAAAAGTGAAT 1020
Qy 1021 CTGTGCTCATCTCAATTTAAAGATTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Db 1021 CTGTGCTCATCTCAATTTAAAGATTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAATCTGTG 1174

RESULT 143
US-10-127-842A-271
; Sequence 271, Application US/10127842A
; Publication No. US20030082692A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C100

; CURRENT APPLICATION NUMBER: US/10/127,842A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-842A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGAAACCCCTCCGAGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTCCGAGAGAAACAGCAACAGCTGAGCTGCTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCGGAGAGGAGCTTGGGCGGAGGCTTGGGAGCCAACTGGGGCTCCG 120
Db 61 GGGAAACAAGATGGCGCGCGGAGAGGAGCTTGGGCGGAGGCTTGGGAGCCAACTGGGGCTCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGCTTGGGCGGAGGCTTGGGAGCCAACTGGGGCTCCG 180
Db 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGCTTGGGCGGAGGCTTGGGAGCCAACTGGGGCTCCG 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGGCCAGCGGCTTGGCCAGCGGCTGTGAGTACCTTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCTCTTGGCCAGCGGCTGTGAGTACCTTACCC 240
Qy 241 TTGCACACCTACCTTAAGGAGAGGAGTTGTAGCGCATGTGACAGAGGTTGACAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAGAGGAGTTGTAGCGCATGTGACAGAGGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTTGGAGTATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGGAGTATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGAAATCAGCTGCGCATTCGCTGAACTGAGACAGAAACAACTATATGCTCCCTGATGCAAAA 480
Db 421 CAGAAATCAGCTGCGCATTCGCTGAACTGAGACAGAAACAACTATATGCTCCCTGATGCAAAA 480
Qy 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGGAGTCACTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGGAGTCACTCTGGAGTGACATGATGACTCC 540
Qy 541 GCAAGAGCTTCATAAAGCTTCTTCAAGCACTTTTATCTTCAAGCGGATGACGGAATAATA 600
Db 541 GCAAGAGCTTCATAAAGCTTCTTCAAGCACTTTTATCTTCAAGCGGATGACGGAATAATA 600

601 GTTATATTCACCTCTAAGCCGAAATCCAGTACGACCAACCACTTTGGAGAGGAGCCCTACA 660
601 GTTATATTCAGCTCTAAGCCGAAATCCAGTACGACCAACCACTTTGGAGAGGAGCCCTACA 660
661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720
721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTAGTGGCTTTTAAAGATGCTCTCTCTTAAAC 780
721 CACAGGAAATTTCTTGAAGATGAGAAAGTGTAGTGGCTTTTAAAGATGCTCTCTCTTAAAC 780
781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGATGTTTCCCTCTGAGAAGCTGAGTATCTAT 900
901 GTTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
901 GTTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
961 GTTGTAGATCTTAAACTGAGATCATGAAGCAGGAGGCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTTAAACTGAGATCATGAAGCAGGAGGCTCTACCTACAAAAGTGAAT 1020
1021 CTTGCTCAITCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
1021 CTTGCTCAITCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATTTGGATATAGGCTTAAAGATCA 1140
1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATTTGGATATAGGCTTAAAGATCA 1140
1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174
1141 CTATAAATGCAATAAAGTTACTCAAACTGTG 1174

RESULT 144
US-10-127-843A-271
; Sequence 271, Application US/10127843A
; Publication No. US2003082693A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C99
; CURRENT APPLICATION NUMBER: US/10127,843A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining prior application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-127-843A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCTTCGAGAGAAACACGACCAACAGCTGAGCTGTGTGACAGAG 60
DB 1 CGGACGCTGGGGGAAACCTTCGAGAGAAACACGACCAACAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGACCAAGATCGCGCGCCGCGGAGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
DB 61 GGGACCAAGATCGCGCGCCGCGGAGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CGCTGCTCTCTGACCATGSCCTTGGCCGAGGTTTGGGGACGCTTGGCTGGAAGCA 180
DB 121 CGCTGCTCTCTGACCATGSCCTTGGCCGAGGTTTGGGGACGCTTGGCTGGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGCGCTCTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGCGCTCTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
QY 241 TTGCAACCTACCTTAAGGAGAGAGTGTACGATGTACGAGGTTTGGAGGCTGTTT 300
DB 241 TTGCAACCTACCTTAAGGAGAGAGTGTACGATGTACGAGGTTTGGAGGCTGTTT 300
QY 301 TCAATTTGTCACTTTGTGGATGATGGAATTTGACTTAAATCGAACTTAAATTTGGAATGTGAA 360
DB 301 TCAATTTGTCACTTTGTGGATGATGGAATTTGACTTAAATCGAACTTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAAGAACCACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAAGAACCACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACTACTCTTCTCTTAACTCTGTTGAGGTCATTTCTGGAGTGACATGAGTACCTCC 540
DB 481 ATGCACTACTCTTCTCTTAACTCTGTTGAGGTCATTTCTGGAGTGACATGAGTACCTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGAGGAAAAATA 600
DB 541 GCACAGAGCTTCAATACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGAGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCACTTTGGAGAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCACTTTGGAGAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGAGAAAGTGAGGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTCAAACTTTGCTCTCGGTGATGATATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTCAAACTTTGCTCTCGGTGATGATATGCTTTGGATTTGT 840
Qy 841 TGTGCACTCTGCTACAGCTGTGGAGCAGTATGCTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCACTCTGCTACAGCTGTGGAGCAGTATGCTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Qy 961 GTTCTTGAATCTAAACTGAGATCATGAAGAGCGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTCTTGAATCTAAACTGAGATCATGAAGAGCGGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTCTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGCATCTAA 1080
Db 1021 CTCTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTAAATAGCATCTAA 1080
Qy 1081 AATTCCACTCTCATAGCTTTTAAATGCTTTCATTTGATATAGGCTTAAAGATCA 1140
Db 1081 AATTCCACTCTCATAGCTTTTAAATGCTTTCATTTGATATAGGCTTAAAGATCA 1140
Qy 1141 CTATAAATGCAAAATAAAGTTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTTACTCAATCTGTG 1174

RESULT 145

US-10-127-845A-271
; Sequence 271, Application US/10127845A
; Publication No. US20030082694A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C93
; CURRENT APPLICATION NUMBER: US/10/127,845A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-845A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGGAAACCCCTCCGAGAAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGGAAACCCCTCCGAGAAAAACAGCAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGCGGGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGGGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CGGCTGCTGCTGACCATGAGCTTGGCGGGAGGTTTCGGGACCGCTTCGGGTGAGCA 180
Db 121 CGGCTGCTGCTGACCATGAGCTTGGCGGGAGGTTTCGGGACCGCTTCGGGTGAGCA 180
Qy 181 TTTGACTCGGCTTTGGGTGATACGGCTCTTGGCCACCGGGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTTTGGGTGATACGGCTCTTGGCCACCGGGCTGTGAGTTGACCTACCC 240
Qy 241 TTGCACACCTTACCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGTTGCAAGCTGTTT 300
Db 241 TTGCACACCTTACCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGTTGCAAGCTGTTT 300
Qy 301 TCAATTTGTGATGATGATGAAATTTGACTTAAATCGAACTAAATGGAATGTGA 360
Db 301 TCAATTTGTGATGATGATGAAATTTGACTTAAATCGAACTAAATGGAATGTGA 360
Qy 361 TCTGCATGTACAGAAGCATATTCCTCAATGTGATGAGCAATATGCTTGCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATGTGATGAGCAATATGCTTGCATCTTGGTTC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTTACTCTTTTCTCTAACTCTGGTGAAGTCAATTTGGAGTGACATGATGAGCTCC 540
Db 481 ATGCACCTTACTCTTTTCTCTAACTCTGGTGAAGTCAATTTGGAGTGACATGATGAGCTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTCAAGCCCGATGACGCAAAAA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTCAAGCCCGATGACGCAAAAA 600
Qy 601 GTTATATTCCAGTCTAAAGCCAGAAATCCAGTACGACCAACCAATTTGGAGGAGGCTTACA 660
Db 601 GTTATATTCCAGTCTAAAGCCAGAAATCCAGTACGACCAACCAATTTGGAGGAGGCTTACA 660
Qy 661 AATTGAGAGAAATCATCTTAAGCAAAATCTCTTCTTCTCAATGCAATGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATCTCTTCTTCTCAATGCAATGAAATTCACAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAAGAGTGTGGCTTTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAAGAGTGTGGCTTTTTTAAAGATGCTCTCTCTTAAC 780

QY	781	CTGGGTGGATTTTAACTACAACCTCTGTCTCTGGTGATGGTATTCCTTTGGATTGT	840
Db	781	CTGGGTGGATTTTAACTACAACCTCTGTCTCTGGTGATGGTATTCCTTTGGATTGT	840
QY	841	TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACCTCAGTATCTAT	900
Db	841	TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACCTCAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCACATCTAA	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCACATCTAA	960
QY	961	GTGTGTAGATCTTAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020
Db	961	GTGTGTAGATCTTAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATCTCGAAATTTTAAAGCATTTTTCTTTTAAAGCAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTCGAAATTTTAAAGCATTTTTCTTTTAAAGCAAGTGAATAGACATCTAA	1080
QY	1081	AAATCCACTCTCATAGAGCTTTTAAATGGTTTCATTCGATATAGGCTTTAAGAAATCA	1140
Db	1081	AAATCCACTCTCATAGAGCTTTTAAATGGTTTCATTCGATATAGGCTTTAAGAAATCA	1140
QY	1141	CTATAAATGCAATTAAGTTTACTCAATCTGTG	1174
Db	1141	CTATAAATGCAATTAAGTTTACTCAATCTGTG	1174

RESULT 146

US-10-127-846A-271

Sequence 271, Application US/10127846A

Publication No. US20030082695A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330RIC94

CURRENT APPLICATION NUMBER: US/10/127,846A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

841 TGTGCAACTGTGTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATCAATGACACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
901 GGTGACTTGGAGTTTATCAATGACACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
961 GTTGTAGATCTTAAACTCAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTTAAACTCAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
1021 CTTGTCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAACTGTAATAGACATCTAA 1080
1021 CTTGTCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAACTGTAATAGACATCTAA 1080
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 147

US-10-127-848A-271
; Sequence 271, Application US/10127848A
; Publication No. US20030082696A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC106
; CURRENT APPLICATION NUMBER: US/10/127,848A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-848A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGTGGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
QY 121 CGCTGTCTGTCTGACATGGCCCTTGGCCGAGAGTTGCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGCTGTCTGTCTGACATGGCCCTTGGCCGAGAGTTGCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGGCTCTTGCCACCGGCGCTGTGAGTTGAGCTACCC 240
DB 181 TTTGACTCGGCTTTGGGTGATACGGGCTCTTGCCACCGGCGCTGTGAGTTGAGCTACCC 240
QY 241 TTGCACACCTACCTAAAGGAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAAGGAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGATTTTGGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTTGTGATTTTGGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCTGATGCTTGC 420
DB 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCTGATGCTTGC 420
QY 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAGACAACTTATGCTTCCCTGATGCTTGC 480
DB 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAGACAACTTATGCTTCCCTGATGCTTGC 480
QY 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGGTCATTTGAGAGTACATGATGAGCTCC 540
DB 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGGTCATTTGAGAGTACATGATGAGCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGAAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
DB 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAAGATGAGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
DB 721 CACAGAAATTTCTTGAAGATGGAAGATGAGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACATCAACTCTTCTGCTCGGTGATGATGCTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACATCAACTCTTCTGCTCGGTGATGATGCTTGGATTTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATCAATGACACAAAGCTAAACAGATATCCAGCTTCTTCTGTG 960
DB 901 GGTGACTTGGAGTTTATCAATGACACAAAGCTAAACAGATATCCAGCTTCTTCTGTG 960

QY 961 GTTGTAGATCTAAACCTGAAGATCATGAGAGAGGGGCTCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAGAGAGGGGCTCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGTCTCATTCTGAATTTAAAGCACTTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGTCTCATTCTGAATTTAAAGCACTTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATGTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCATGTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTTAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174
Db 1141 CTTAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174

RESULT 148

US-10-127-849A-271
; Sequence 271, Application US/10127849A
; Publication No. US20030082697A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C103
; CURRENT APPLICATION NUMBER: US/10/127,849A
; PRIORITY FILING DATE: 2002-04-23
; PRIORITY APPLICATION NUMBER: 60/049911
; PRIORITY FILING DATE: 1997-06-18
; PRIORITY APPLICATION NUMBER: 60/056974
; PRIORITY FILING DATE: 1997-08-26
; PRIORITY APPLICATION NUMBER: 60/059113
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY APPLICATION NUMBER: 60/059115
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY APPLICATION NUMBER: 60/059117
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY APPLICATION NUMBER: 60/059122
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY APPLICATION NUMBER: 60/059184
; PRIORITY FILING DATE: 1997-09-17
; PRIORITY APPLICATION NUMBER: 60/059263
; PRIORITY FILING DATE: 1997-09-18
; PRIORITY APPLICATION NUMBER: 60/059352
; PRIORITY FILING DATE: 1997-09-19
; PRIORITY APPLICATION NUMBER: 60/059588
; PRIORITY FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-849A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGMAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGMAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGAGACCGCTTCGGCTGAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGAGACCGCTTCGGCTGAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGGCTCTTGGCCACCGGGGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGGCTCTTGGCCACCGGGGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGATTTGTGATGATGCAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
Db 301 TCAATTTGTGATTTGTGATGATGCAATTTGACTTAAATCGAACTAAATTTGAAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAAGAACTTATTCCTCCCTGATGCCAAA 480
Db 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAAGAACTTATTCCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGTCAATCTGAGTGACATGATGAGTCC 540
Db 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGTCAATCTGAGTGACATGATGAGTCC 540
QY 541 GCACAGAGCTTCAATACTCTTCAATGCACTTTTATTCCTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAATACTCTTCAATGCACTTTTATTCCTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCTCTGCTGATGCTTCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCTCTGCTGATGCTTCTTGGATTTGT 840
QY 841 TGTGCAACTCTTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGTGTGATCTAT 900
Db 841 TGTGCAACTCTTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGTGTGATCTAT 900
QY 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTGTGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAGAGAGGAGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080

b 1021 CTTGCTCAATCTGAAATTTAAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
y 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
b 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
y 1141 CTATAAATGCAATTAAGTCTACTCAATCTGTG 1174
b 1141 CTATAAATGCAATTAAGTCTACTCAATCTGTG 1174

RESULT 149
S-10-127-850A-271
Sequence 271, Application US/10127850A
Publication No. US20030082698A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C10
CURRENT APPLICATION NUMBER: US/10/127,850A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
S-10-127-850A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 CGGACCGCTGGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

Db 1 CGGACCGCTGGGGGAAACCTTCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Qy 61 GGGAAACAAGATCGCGCGCCGGAAGGGGAGACCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
Db 61 GGGAAACAAGATCGCGCGCCGGAAGGGGAGACCTCTGGGTGAGGACCCAACTCGGGCTCCCG 120
Qy 121 CGGCTGCTGCTGCTGACCATGGCTTGGCCGAGAGTTGGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGCTGACCATGGCTTGGCCGAGAGTTGGGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCTCTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCTCTGAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCTAAGGAGAGAGAGTTGTACGATGTACAGAGAGTTGACAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAGAGAGAGTTGTACGATGTACAGAGAGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTGTGGATGATGGAATTCGACTTAAATCGAACTAAATTCGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATTCGACTTAAATCGAACTAAATTCGAATGTGAA 360
Qy 361 TGTGATGTACAGAGAGCATATTCGCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Db 361 TGTGATGTACAGAGAGCATATTCGCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Qy 421 CAGAAATCAGCTGCGCAATTCGCTGACTGAGACAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCGCAATTCGCTGACTGAGACAGAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTCGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTCGAGTGACATGATGACTCC 540
Qy 541 GCACAGAGCTTCATTAACCTCTCATGGACTTTTATCTTCAAGCGGATGACGGAATA 600
Db 541 GCACAGAGCTTCATTAACCTCTCATGGACTTTTATCTTCAAGCGGATGACGGAATA 600
Qy 601 GTTATATTCAGCTTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGCTTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCTCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCTCTCTCTTTAAC 780
Qy 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTTGCTTTGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTCTCTCGGTGATGGTATTTGCTTTGATTTGT 840
Qy 841 TGTGCAACTGTTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAAACAAAGTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAAACAAAGTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Qy 961 GTTGTTAGATCTAAACCTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTTAGATCTAAACCTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTTGAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAAAATGAAAGTCTACTCAAAATCTGTG 1174
 Db 1141 CTATAAAATGCAAAATGAAAGTCTACTCAAAATCTGTG 1174

RESULT 150

US-10-127-851A-271

; Sequence 271, Application US/10127851A

; Publication No. US2003008269A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeGeorge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C87

; CURRENT APPLICATION NUMBER: US/10/127,851A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

; JS-10-127-851A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 CGGACGCTGGGGGAAACCTTCGAGAAACACAGCAAGCTGAGCTCTGTGACAG 60

b 1 CGGACGCTGGGGGAAACCTTCGAGAAACACAGCAAGCTGAGCTCTGTGACAG 60

Y 61 GGGACACAGATGGCGCGCCGACGAGGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

b 61 GGGACACAGATGGCGCGCCGACGAGGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CGGTGCTGCTGTGACCATGCGCTTTGGCGCGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
 Db 121 CGGTGCTGCTGTGACCATGCGCTTTGGCGCGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
 QY 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTGACGTTGACCTTACCCC 240
 Db 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTGACGTTGACCTTACCCC 240
 QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGACGAGGTTG 300
 Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGACGAGGTTG 300
 QY 301 TCAATTTGTGCTAGTTTGGATGATGCAATTTGCTTAAATCGAATCGAATCGAATCGAATCG 360
 Db 301 TCAATTTGTGCTAGTTTGGATGATGCAATTTGCTTAAATCGAATCGAATCGAATCGAATCG 360
 QY 361 TCTGATGTACAGAAAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTTGGTTGC 420
 Db 361 TCTGATGTACAGAAAGCATATCCCAATCTGATGAGCAATATGCTTGGCCATCTTTGGTTGC 420
 QY 421 CAGAATCAGCTGCCATTCGCTGAATCTGACAGCAAGCAACTTATGTCTCCCTGATGCCAAA 480
 Db 421 CAGAATCAGCTGCCATTCGCTGAATCTGACAGCAAGCAACTTATGTCTCCCTGATGCCAAA 480
 QY 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGGTCATTCTGAGATGACATGATGACATCTCC 540
 Db 481 ATGCACCTACTCTTCTCTTAACTCTGCTGAGGTCATTCTGAGATGACATGATGACATCTCC 540
 QY 541 GCACAGAGCTTCATAACCTCTTCATGCACTTTTATCTTCAAGCGGATGACGAGGAAAAATA 600
 Db 541 GCACAGAGCTTCATAACCTCTTCATGCACTTTTATCTTCAAGCGGATGACGAGGAAAAATA 600
 QY 601 GTTATATCCAGCTCAGCAAGCAATCCAGTACGCAACCACTTTGGAGAGGAGGCTTACCA 660
 Db 601 GTTATATCCAGCTCAGCAAGCAATCCAGTACGCAACCACTTTGGAGAGGAGGCTTACCA 660
 QY 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
 Db 661 AATTGAGAGATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAGCG 720
 QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTTAAC 780
 Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTTAAC 780
 QY 781 TCTGGTGGATTTTAACTACCACTCTTCTCTCTCGGTGATGCTTCTTGGATTTGT 840
 Db 781 TCTGGTGGATTTTAACTACCACTCTTCTCTCTCGGTGATGCTTCTTGGATTTGT 840
 QY 841 TGTCAACTCTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
 Db 841 TGTCAACTCTGTTGCTACAGCTGTGAGCAGATATGTTCCCTCTGAGAGCTGAGTATCTAT 900
 QY 901 GGTGACTGGAGTTTATGATGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTG 960
 Db 901 GGTGACTGGAGTTTATGATGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTG 960
 QY 961 GTTGTAGATCTAAACTGAGATCATGAGAGCAGGGGCTCTTACCTACAAAGTGAAT 1020
 Db 961 GTTGTAGATCTAAACTGAGATCATGAGAGCAGGGGCTCTTACCTACAAAGTGAAT 1020
 QY 1021 CTCTCTCAATCTGAAATTTTAAAGCATTTTCTTTTAAAGCAAGTAAAGTAAAGTAAAGTAA 1080
 Db 1021 CTCTCTCAATCTGAAATTTTAAAGCATTTTCTTTTAAAGCAAGTAAAGTAAAGTAAAGTAA 1080
 QY 1081 AATTCCACTCTCTCATGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
 Db 1081 AATTCCACTCTCTCATGAGCTTTTAAATGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
 QY 1141 CTATAAATGCAATTAAGTTACTCAATCTCTG 1174
 Db 1141 CTATAAATGCAATTAAGTTACTCAATCTCTG 1174

RESULT 151
US-10-128-684A-271
; Sequence 271, Application US/10128684A
; Publication No. US20030082700A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C118
; CURRENT APPLICATION NUMBER: US/10/128,684A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-128-684A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAGAGGAGCTCTGGGTGAGAGACCAACCTGGGCGTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAGAGGAGCTCTGGGTGAGAGACCAACCTGGGCGTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCTGCGCGAGGCTTCGGGAGCCGCTTCGGGAGCCGCTTCGGGAGCCG 180
DB 121 CCGCTGCTGCTGCTGACCTGCGCGAGGCTTCGGGAGCCGCTTCGGGAGCCGCTTCGGGAGCCG 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTGGCCACCGGCGCTTGTGACCTTACCTACCCC 240
DB 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTGGCCACCGGCGCTTGTGACCTTACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGCAAGAGAGTTGTACGATGTCAGAGAGTTGACAGGCTGTTT 300
DB 241 TTGCACACCTTACCTTAAGCAAGAGAGTTGTACGATGTCAGAGAGTTGACAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGATGATGGAATTTGATCTTAATTTGAACTTAAATTTGAAATTTGAA 360
DB 301 TCAATTTGTGAGTTGTGATGATGGAATTTGATCTTAATTTGAACTTAAATTTGAAATTTGAA 360
QY 361 TCTGCATGTACAGAGCATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACCAAGAACCACTTTATCTCCCTGATGCAAAA 480
DB 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACCAAGAACCACTTTATCTCCCTGATGCAAAA 480
QY 481 ATGCACCTACTCTTTCCTCTTAATCTCTGGTGAAGTCAATCTGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCCTCTTAATCTCTGGTGAAGTCAATCTGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
DB 541 GCACAGAGCTTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAGCAAAATGCTCTATCTGCAATGAGAAATTTCAACAGG 720
DB 661 AATTGAGAGAAATCATCTCTAGCAAAATGCTCTATCTGCAATGAGAAATTTCAACAGG 720
QY 721 CACAGGAATTTTCTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTGAAGATGAGAAAGTATGCTTTTAAAGATGCTCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTCAACTCTTCTCGTCTCGTGTGATGCTTTGGAATTTGT 840
DB 781 TCTGGGTGGATTTTAACTCAACTCTTCTCGTCTCGTGTGATGCTTTGGAATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTGTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTGTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAAACAAAGCTTAACAGATATCCAGCTTCTTCTCTG 960
DB 901 GGTGACTTGGAGTTTATGATGAAACAAAGCTTAACAGATATCCAGCTTCTTCTCTG 960
QY 961 GTTGTAGATCTTAAACTGAAGATCATGAAAGAGCAGGCGCTTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAAGATCATGAAAGAGCAGGCGCTTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTATGATGACATCTAA 1080
DB 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAGTATGATGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATATAATGCAATTAAGTTACTCAATCTGTG 1174
DB 1141 CTATATAATGCAATTAAGTTACTCAATCTGTG 1174
RESULT 152
US-10-128-686A-271
; Sequence 271, Application US/10128686A
; Publication No. US20030082701A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

```
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3330R1C119
/ CURRENT APPLICATION NUMBER: US/10/128,686A
/ CURRENT FILING DATE: 2002-04-23
/ PRIOR APPLICATION NUMBER: 60/049911
/ PRIOR FILING DATE: 1997-06-18
/ PRIOR APPLICATION NUMBER: 60/056974
/ PRIOR FILING DATE: 1997-08-26
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059115
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059117
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059122
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059184
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059263
/ PRIOR FILING DATE: 1997-09-18
/ PRIOR APPLICATION NUMBER: 60/059352
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 60/059588
/ PRIOR FILING DATE: 1997-09-19
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 271
/ LENGTH: 1174
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-128-686A-271

Query Match          100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB
QY      1  CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB
QY      61  GGGACACAGATCGCGGCGCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB
QY      61  GGGACACAGATCGCGGCGCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB
QY      121  CGGCTGCTGCTGCTGACCATGATGCGCTTGGCGGAGGCTTCGGGACCGCTTCGGCTGAAGCA 180
DB
QY      121  CGGCTGCTGCTGCTGACCATGATGCGCTTGGCGGAGGCTTCGGGACCGCTTCGGCTGAAGCA 180
DB
QY      181  TTGTACTCGGCTTGGGTGATACGGCGTCTTGGCGACCGGGCTCTGATGATGACCTACCC 240
DB
QY      181  TTGTACTCGGCTTGGGTGATACGGCGTCTTGGCGACCGGGCTCTGATGATGACCTACCC 240
DB
QY      241  TTGTACACCTACCTTAAGGAAGAGAGTTGTACGATGTCAGAGAGGTTCAGGCTGTTT 300
DB
QY      241  TTGTACACCTACCTTAAGGAAGAGAGTTGTACGATGTCAGAGAGGTTCAGGCTGTTT 300
```

RESULT 153

US-10-128-690A-271

; Sequence 271, Application US/10128690A

; Publication No. US20030082702A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

```
QY      301  TCAATTTGTGAGTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
DB
QY      301  TCAATTTGTGAGTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
DB
QY      361  TCTGCATGTACAGAAAGCATATTCCTCCATCTGATGAGCAATATGCTTGGCATCTTGGTTCG 420
DB
QY      361  TCTGCATGTACAGAAAGCATATTCCTCCATCTGATGAGCAATATGCTTGGCATCTTGGTTCG 420
DB
QY      421  CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAATTTATGTCCTGATGCAAAA 480
DB
QY      421  CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAAACAATTTATGTCCTGATGCAAAA 480
DB
QY      481  ATGCACCTACTCTTTCTCTTAACTCTGCTGAGTCAATCTGAGTGCATGATGAGTGC 540
DB
QY      481  ATGCACCTACTCTTTCTCTTAACTCTGCTGAGTCAATCTGAGTGCATGATGAGTGC 540
DB
QY      541  GCACAGAGCTTTCATAAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
DB
QY      541  GCACAGAGCTTTCATAAACCTCTTCATGACCTTTTATCTTCAAGCCGATGACGGAATA 600
DB
QY      601  GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCAACCATTTTGGAGCAGGAGCTTACA 660
DB
QY      601  GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCAACCATTTTGGAGCAGGAGCTTACA 660
DB
QY      661  AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTTCTGCAAAATGAGAAATTCACAAGCG 720
DB
QY      661  AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTTCTGCAAAATGAGAAATTCACAAGCG 720
DB
QY      721  CACAGGAATTTTCTGAAGATGAGGAAGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
DB
QY      721  CACAGGAATTTTCTGAAGATGAGGAAGTGGTCTTTTAAAGATGCTCTCTCTTAAC 780
DB
QY      781  TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTATTTGCTTGGATTTGT 840
DB
QY      781  TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGCTTATTTGCTTGGATTTGT 840
DB
QY      841  TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB
QY      841  TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB
QY      901  GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB
QY      901  GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB
QY      961  GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAGTGAAT 1020
DB
QY      961  GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAAAGTGAAT 1020
DB
QY      1021  CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB
QY      1021  CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB
QY      1081  AATTCCACTCTCTATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
DB
QY      1081  AATTCCACTCTCTATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCTTTAAGAAATCA 1140
DB
QY      1141  CTATAAATGCAATTAAGTACTCAATCTGTG 1174
DB
QY      1141  CTATAAATGCAATTAAGTACTCAATCTGTG 1174
```

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
CURRENT APPLICATION NUMBER: US/10/128, 690A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-128-690A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGGCTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAGATGGCGGCGCGGAGAGAGCTTGGGTGAGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAGATGGCGGCGCGGAGAGAGCTTGGGTGAGACCCAACTGGGGCTCCCG 120

Qy 121 CCGTGTCTGTCTGACCACTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGACCACTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGTCTTGGGTGATACGGGTCTTGGCACCGGCGCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGGTCTTGGCACCGGCGCTGTCAGTTGACCTACCCC 240

Qy 241 TTGCACACCTACCTAAGGAGAGGTTGTAGCGATGTACAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAGAGGTTGTAGCGATGTACAGAGGTTGAGGCTGTTT 300

Qy 301 TCAATTTGTGAGTTTGGGATGATGAATTCGCTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGGGATGATGAATTCGCTTAAATCGAACTAAATGGAATGTGAA 360

Qy 361 TCTGCATGTACAGACATATCCCAATCTGATGACCAATATCTTGCATCTTGGTTCG 420
Db 361 TCTGCATGTACAGACATATCCCAATCTGATGACCAATATCTTGCATCTTGGTTCG 420

Db 361 TCTGCATGTACAGACATATTCCCAATCTGATGAGCAATATGCTTGGCAATCTTGGTTCG 420
Qy 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAAAGAACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTCGCTGAACTGAGACAAAGAACAACTTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGGGTCAATCTGGAGTGACATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATACACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATACACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGAGGCTTACA 660
Qy 661 AATTTCAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTCAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATCGGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATCGGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGCTTCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGCTTCTTGGATTTGT 840
Qy 841 TGTSCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTSCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGATGAATGAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGATGAATGAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Qy 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTCTGAAATTTAAAGCTTTTAAAAAGCTTTTAAAAAGCAAGTGTAAAGAAATCA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAAGCTTTTAAAAAGCTTTTAAAAAGCAAGTGTAAAGAAATCA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAAAAGTGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAAAGTGTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATTAAGTTACTCAAAATCTGTG 1174

RESULT 154
US-10-128-690A-271
; Sequence 271, Application US/10128691A
; Publication No. US20030082703A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DePorge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

QY	481	ATGCACCTACTCTTTCTCTTAACCTCTGGTGGAGTCAATCTTGGAGTGAATGATGACTCC	540
Db	481	ATGCACCTACTCTTTCTCTTAACCTCTGGTGGAGTCAATCTTGGAGTGAATGATGACTCC	540
QY	541	GCACAGAGCTTCATAAACCTCTTCATCGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Db	541	GCACAGAGCTTCATAAACCTCTTCATCGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTTATATTCGAGTCTTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGACCTTACA	660
Db	601	GTTATATTCGAGTCTTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGACCTTACA	660
QY	661	AATTTGAGAGAAATCATCTCTTAAGCAAAAAATGCTCTATCTGCAAAATGAGAAAAATTCACAGACG	720
Db	661	AATTTGAGAGAAATCATCTCTTAAGCAAAAAATGCTCTATCTGCAAAATGAGAAAAATTCACAGACG	720
QY	721	CACAGGAATTTTCTTGGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTTAAC	780
Db	721	CACAGGAATTTTCTTGGAAGATGAGAAAGTGAATGCTTTTAAAGATGCTCTCTCTTTAAC	780
QY	781	TCTGGGTGGATTTTAACTACAACTCTTGCTCTCGGTGATGGTATTGCTTTTGGATTTGT	840
Db	781	TCTGGGTGGATTTTAACTACAACTCTTGCTCTCGGTGATGGTATTGCTTTTGGATTTGT	840
QY	841	TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTTCCCTCTGAGAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTTCCCTCTGAGAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAAGCTTAAACAGATATCCAGCTTCTTCTCTTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAAGCTTAAACAGATATCCAGCTTCTTCTCTTTGTG	960
QY	961	GTTGTTAGATCTAAACTGAGATCATGAGAGCAGAGGCTCTTACCTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACTGAGATCATGAGAGCAGAGGCTCTTACCTACAAAGTGAAT	1020
QY	1021	CTTGCTCATTCTGAAATTTTAAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATTCTGAAATTTTAAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080
QY	1081	AATTCBACTCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGCCCTTAAGAAATCA	1140
Db	1081	AATTCBACTCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATCAAAATAAAGTTACTCAAAATCTGTG	1174

RESULT 155

US-10-131-819A-271

; Sequence 271, Application US/10131819A

; Publication No. US20030082704A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C134
CURRENT APPLICATION NUMBER: US/10/131.819A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-819A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGGAACCCCTCCGAGAAACAGCAACAGCAAGCTGAGCTGCTGACAGAG 60
DB 1 CGGACGGTGGGGAACCCCTCCGAGAAACAGCAACAGCAAGCTGAGCTGCTGACAGAG 60

QY 61 GGGAAACAGATGGCGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 120
DB 61 GGGAAACAGATGGCGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 120

QY 121 CGGTGCTGCTGTGACCATGGGCTTGGCGGAGGTTGGCGGAGCGGCTTGGCGTGAAGCA 180
DB 121 CGGTGCTGCTGTGACCATGGGCTTGGCGGAGGTTGGCGGAGCGGCTTGGCGTGAAGCA 180

QY 181 TTGTGACTGCTTGGGTGATACGGCGTCTTGGCCAGCGGCTGTGAGTTGACCTACCCC 240
DB 181 TTGTGACTGCTTGGGTGATACGGCGTCTTGGCCAGCGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGGTTGTACGATGTGACAGAGGTTGACGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGGTTGTACGATGTGACAGAGGTTGACGCTGTTT 300

QY 301 TCATTTCTCAGTTGTGGATGATGGAATGACCTTAATCGAACTAAATGGAATGGA 360
DB 301 TCATTTCTCAGTTGTGGATGATGGAATGACCTTAATCGAACTAAATGGAATGGA 360

QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420

QY 421 CAGATGAGTGGCAATGCGTGAAGTGAAGCAAGCAACTATGCTCCGATGCCAAA 480
DB 421 CAGATGAGTGGCAATGCGTGAAGTGAAGCAAGCAACTATGCTCCGATGCCAAA 480

QY 481 ATGACCTACTCTTCTCTCACTCTGGTGAAGGTCATTTCTGGAGTGCATGAGGACTCC 540
DB 481 ATGACCTACTCTTCTCTCACTCTGGTGAAGGTCATTTCTGGAGTGCATGAGGACTCC 540

QY 541 GCACAGAGCTCAATACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600

DB 541 GCACAGAGCTTCAATAACCTCTTCTGAGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGACTTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGACTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACACTCTTGTCTCTCTGCTGATGCTATGCTTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACACTCTTGTCTCTCTGCTGATGCTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTCTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTCTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATTGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTCAAACTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTCAAACTGTG 1174

RESULT 156

US-10-131-829A-271
Sequence 271, Application US/10131829A
Publication No. US20030082705A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C138
CURRENT APPLICATION NUMBER: US/10/131.829A
CURRENT FILING DATE: 2002-04-27
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974


```
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-836A-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACACAGATGGCGGCGCGGAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
DB 61 GGGACACAGATGGCGGCGCGGAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
QY 121 CGGCTGCTGCTGACCATGCGCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGACCATGCGCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGGCTCTTGCCACGGGCGCTGTGATGACCTACCC 240
DB 181 TTTGACTCGGCTTGGGTGATACGGGCTCTTGCCACGGGCGCTGTGATGACCTACCC 240
QY 241 TTGCACACTACCTCCTAGGAAGAGAGTTGTACGATCTGAGAGAGGTTGCAGGCGTTT 300
DB 241 TTGCACACTACCTCCTAGGAAGAGAGTTGTACGATCTGAGAGAGGTTGCAGGCGTTT 300
QY 301 TCAATTTGTCAGTTTGGATGATGGAATGACTTAAATCGAATCGAATCGAATCGAAT 360
DB 301 TCAATTTGTCAGTTTGGATGATGGAATGACTTAAATCGAATCGAATCGAATCGAAT 360
QY 361 TCTGATCTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTGC 420
DB 361 TCTGATCTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTGC 420
QY 421 CAGAACTAGCTGCGCATTCGCTGAATCTGAGCAAGAACTATATGCTCCCTGATGCCAAA 480
DB 421 CAGAACTAGCTGCGCATTCGCTGAATCTGAGCAAGAACTATATGCTCCCTGATGCCAAA 480
QY 481 ATGACCTACTCTTCTCTAATCTGGTGGGTCATCTGGAGTGACATGATGAGTCC 540
DB 481 ATGACCTACTCTTCTCTAATCTGGTGGGTCATCTGGAGTGACATGATGAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGCTTCA 660
DB 601 GTTATATTCAGTCTTAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGCTTCA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGCAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGCAATTCACAAGCG 720
QY 721 CACAGGAATTTCTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-729-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 721 CACAGGAATTTCTGTAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGTAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATTTGCTTTGGATTTCT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGATTTGCTTTGGATTTCT 840
QY 841 TGTGCAACTGTGTGCTACAGCTGTGGAGCAGATGTTTCCCTCTGAGAAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTGTGCTACAGCTGTGGAGCAGATGTTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGTG 960
DB 901 GGTGACTTGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGGCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTCCTCATTTCTGAAATTTAAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
DB 1021 CTTCCTCATTTCTGAAATTTAAAGCATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATTAAGTTACTTCAAACTGTG 1174
DB 1141 CTATAAATGCAATTAAGTTACTTCAAACTGTG 1174

RESULT 158
US-10-146-729-271
; Sequence 271, Application US/10146729
; Publication No. US20030082708A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C318
; CURRENT APPLICATION NUMBER: US/10/146,729
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-729-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACACAGATGGCGGCGCGGAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
DB 61 GGGACACAGATGGCGGCGCGGAGGGGAGGCTCTGGGTGAGGACCCCACTGGGGGCTCCG 120
QY 121 CGGCTGCTGCTGACCATGCGCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CGGCTGCTGCTGACCATGCGCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGGCTCTTGCCACGGGCGCTGTGATGACCTACCC 240
DB 181 TTTGACTCGGCTTGGGTGATACGGGCTCTTGCCACGGGCGCTGTGATGACCTACCC 240
QY 241 TTGCACACTACCTCCTAGGAAGAGAGTTGTACGATCTGAGAGAGGTTGCAGGCGTTT 300
DB 241 TTGCACACTACCTCCTAGGAAGAGAGTTGTACGATCTGAGAGAGGTTGCAGGCGTTT 300
QY 301 TCAATTTGTCAGTTTGGATGATGGAATGACTTAAATCGAATCGAATCGAATCGAAT 360
DB 301 TCAATTTGTCAGTTTGGATGATGGAATGACTTAAATCGAATCGAATCGAATCGAAT 360
QY 361 TCTGATCTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTGC 420
DB 361 TCTGATCTACAGAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGCTGC 420
QY 421 CAGAACTAGCTGCGCATTCGCTGAATCTGAGCAAGAACTATATGCTCCCTGATGCCAAA 480
DB 421 CAGAACTAGCTGCGCATTCGCTGAATCTGAGCAAGAACTATATGCTCCCTGATGCCAAA 480
QY 481 ATGACCTACTCTTCTCTAATCTGGTGGGTCATCTGGAGTGACATGATGAGTCC 540
DB 481 ATGACCTACTCTTCTCTAATCTGGTGGGTCATCTGGAGTGACATGATGAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTTAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGCTTCA 660
DB 601 GTTATATTCAGTCTTAGCCAGAAATCCAGTACGACCAATTTGGAGCGAGGCTTCA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGCAATTCACAAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGCTTATCTGCAATGCAATTCACAAGCG 720
QY 721 CACAGGAATTTCTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780
DB 721 CACAGGAATTTCTGAAGATGGAGAAAGTGAAGGCTTTTAAAGATGCGCTCTCTTAAC 780
```

Db 421 CAGAAATCAGCTGCGTAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTGGAGTGACATGATGACTCC 540
Qy 541 GCACAGAGCTCTAACTCTTCTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTCTAACTCTTCTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATCCAGCTAGCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Db 601 GTTATATCCAGCTAGCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTCTCAATGAGAAATTCACAGG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTCTCAATGAGAAATTCACAGG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTCAGCTGTGGAGCAGTATGTCCTCTGAGAGCTGATGATAT 900
Db 841 TGTGCAACTGTTGCTCAGCTGTGGAGCAGTATGTCCTCTGAGAGCTGATGATAT 900
Qy 901 GGTGACTTGGAGTTTATGAAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGG 960
Db 901 GGTGACTTGGAGTTTATGAAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTGTCTCATCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTGTCTCATCTGAATTTAAGCATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCATAAATGAAGTTACTCAAACTCTGTG 1174
Db 1141 CTATAAATGCATAAATGAAGTTACTCAAACTCTGTG 1174

RESULT 160

US-10-147-484-271
; Sequence 271, Application US/10147484
; Publication No. US20030082710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deanoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C328
; CURRENT APPLICATION NUMBER: US/10/147,484
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-484-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCCTGCTGCTGACCAATGCGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCCTGCTGCTGACCAATGCGCTTGGCGGAGGTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGCTCTGGGTGATACGGCTCTTCCACCGGGCTGTGAGTGAACCTACCCC 240
Db 181 TTTGACTCGCTCTGGGTGATACGGCTCTTCCACCGGGCTGTGAGTGAACCTACCCC 240
Qy 241 TTGCACACCTTACCTAAGGAAGAGAGTTGTACGATGTACAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTTACCTAAGGAAGAGAGTTGTACGATGTACAGAGGTTGACGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTGTGATGATGGAATTTGATTAATCGAATTAATGGAATGTGA 360
Db 301 TCAATTTGTCAGTTGTGATGATGGAATTTGATTAATCGAATTAATGGAATGTGA 360
Qy 361 TCTGCTGTACAGACATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGCTTGC 420
Db 361 TCTGCTGTACAGACATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGCTTGC 420
Qy 421 CAGAACTAGCTGCTGCTGAACTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCTGCTGAACTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAAGTCACTTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTTAACTCTGGTGAAGTCACTTCTGGAGTGACATGATGACTCC 540
Qy 541 GCACAGAGCTTCAATAACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTCAAGCAATTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATCCAGCTAGCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Db 601 GTTATATCCAGCTAGCAGAAATCCAGTACGACCACTTTGGAGCAGAGCTTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTCTCAATGAGAAATTCACAGG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTCTCAATGAGAAATTCACAGG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGTTGGATTTGT 840

QY 61 GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGACCATGCGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGTCTGACCATGCGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTCGCCACCGGCGCTGTGAGTTGACCTACCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTCGCCACCGGCGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGATGTGAGAGAGTTGACAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGATGTGAGAGAGTTGACAGGCTGTTT 300
QY 301 TCAATTTCTGAGTTTGTGGATGATGGAATGACCTTAATCGAACTAAATTTGGAATGTAA 360
DB 301 TCAATTTCTGAGTTTGTGGATGATGGAATGACCTTAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCCATCTTGGTTGC 420
QY 421 CAGATCAGCTGCCATTCGCTGAACTGAGCAAGAACCACTTATGCTCCGTGACCAAA 480
DB 421 CAGATCAGCTGCCATTCGCTGAACTGAGCAAGAACCACTTATGCTCCGTGACCAAA 480
QY 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
DB 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATTTCCAGTCTTAAGCAGAAATCAGTACGACCAATTTGGAGCAGAGCTTACA 660
DB 601 GTTATTTCCAGTCTTAAGCAGAAATCAGTACGACCAATTTGGAGCAGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCAGAGCG 720
DB 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCAGAGCG 720
QY 721 CACAGGAATTTCTTGAAGTGGAGAAATGATGCTTTTAAAGTGCCTCTCTTTAAC 780
DB 721 CACAGGAATTTCTTGAAGTGGAGAAATGATGCTTTTAAAGTGCCTCTCTTTAAC 780
QY 781 TCTGGTGGATTTTAACTTAACTCTTGTCTCTCGGTGATGATGCTTTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTTAACTCTTGTCTCTCGGTGATGATGCTTTGATTTGT 840
QY 841 TGTGCACTGTGTACAGCTGTGAGCAGATGTTCTCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCACTGTGTGTACAGCTGTGAGCAGATGTTCTCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTTAAACTGAGATCATGAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTTAAACTGAGATCATGAGAGCAGGCTCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATCTTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGAGTATAGGCTTTAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGAGTATAGGCTTTAGAAATCA 1140

QY 1141 CTATAAATCAAAATAAAGTTTACTCAAATCTGTG 1174
DB 1141 CTATAAATCAAAATAAAGTTTACTCAAATCTGTG 1174

RESULT 159

US-10-146-791-271
; Sequence 271, Application US/10146791
; Publication No. US20030082709A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C320
; CURRENT APPLICATION NUMBER: US/10/146,791
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-791-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAGATGGCGGCGCGAAGGGAGGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGTCTGCTGACCATGGCTTGGCCGGAGGTTTCGGGGACCCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGTCTGCTGACCATGGCTTGGCCGGAGGTTTCGGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTTGCCACCGGGCTGTGAGTTGACCTTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGGCTTTTGCCACCGGGCTGTGAGTTGACCTTACCCC 240
QY 241 TTGCACACCTACCCCTTAAGGAAGAGGAGTTGTACGATGTGAGAGAGTTTCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTTAAGGAAGAGGAGTTGTACGATGTGAGAGAGTTTCAGGCTGTTT 300
QY 301 TCAATTTCTGAGTTTGTGGATGATGGAATTTGACTTAATCGAACTAAATTTGGAATGTAA 360
DB 301 TCAATTTCTGAGTTTGTGGATGATGGAATTTGACTTAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGCAAGAACCACTTATGCTCCGTGACCAAA 480